



FACULTAD DE
CIENCIAS

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**CONVENIO ESPECÍFICO DE COLABORACIÓN ENTRE INSTITUTO ARGENTINO DE OCEANOGRAFÍA
DEL CONSEJO NACIONAL DE INVESTIGACIONES
CIENTÍFICAS Y TÉCNICAS (IADO - CONICET) Y LA FACULTAD DE CIENCIAS DE LA UNIVERSIDAD
DE LA REPÚBLICA (FCIEN - UDELAR)-.**

Por una parte el Instituto Argentino de Oceanografía, que fija su domicilio legal Florida 8000 (Camino La Carrindanga km 7,5), de la ciudad de Bahía Blanca, Buenos Aires, en adelante el IADO, representada en este acto por el Director del IADO, Dr. Rubén José LARA.

Y de la otra la Facultad de Ciencias, en adelante FCIEN que fija su domicilio legal en Iguá 4225, representada en este acto por su Decano de la FCIEN, Dr. Juan CRISTINA.

CONSIDERANDO

- 1- Que las partes suscribieron, con fecha 11 de setiembre de 1987, un convenio marco de cooperación interinstitucional en las áreas de la enseñanza y de la investigación relacionadas con los campos jurídicos, económicos, científicos y humanísticos.
- 2- EL IADO y FCIEN han aunado esfuerzos mediante el desarrollo de actividades en los campos académicos, investigación y de extensión entre otros.
- 3- El IADO ha firmado un Contrato (en adelante "Primer Contrato") con el Instituto Interamericano para el Cambio Global (en adelante "Patrocinador").
- 4- El IADO y la FCIEN tienen como objetivo participar en el "Primer Contrato" para que la FCIEN lleve a cabo los objetivos de investigación que se mencionan en el en la Sección SEGUNDA.
- 5- FCIEN realizará los arreglos necesarios poder llevar a cabo la administración financiera del presente convenio específico de investigación.

Por lo anteriormente dicho, las partes, con plenos poderes para la celebración de este acto

ACUERDAN

Concertar el siguiente **CONVENIO ESPECÍFICO** a fin de llevar a cabo el proyecto "**Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change**", de acuerdo a las siguientes cláusulas:

SEGUNDA: DETALLE DE ACTIVIDADES A DESARROLLAR:

Las dos partes se comprometen a promover y desarrollar, dentro de sus posibilidades, aquellas actividades de colaboración y complementación que permitan llevar adelante en cuanto a intercambios académicos y actuaciones y colaboraciones en programas de grado, postgrado, planes de investigación, docencia y extensión cultural.

Las actividades se concretarán en los siguientes aspectos:

- a) Contribuir con el desarrollo general y específico de los objetivos del proyecto SAFER desde una perspectiva global y también específica sobre los casos de estudio correspondientes a Uruguay.
- b) Patrocinar y asesorar a los estudiantes de postgrado en la FCIEN cuya investigación esté relacionada con los objetivos del proyecto SAFER.
- c) Desarrollar actividades de capacitación en la FCIEN sobre temas competentes a los objetivos del proyecto SAFER.
- d) Tener contacto con agentes tomadores de decisión y actores sociales involucrados en los casos de estudio de Uruguay.
- e) Participar en el desarrollo de métodos y el logro de objetivos de los siguientes grupos de trabajo: Socio-economía, Clima, Eco-Hidrología e Informática.
- f) Participar en las reuniones del proyecto SAFER y mantenerse en comunicación permanente con el resto de los investigadores.
- g) Llevar a cabo la administración financiera de los fondos otorgados al equipo de trabajo perteneciente a la FCIEN.

TERCERA: DECLARACIONES

Las partes declaran conocer el contenido que se adjunta en el Anexo A, en adelante denominado como "Primer Contrato".

CUARTA: COMPROMISO DE LAS PARTES

Para cumplir los objetivos del presente convenio, las obligaciones de las partes serán:

- a) FCIEN como institución integrante del proyecto SAFER llevará a cabo el presente convenio durante que el período que comenzará a partir de la firma del mismo y se extenderá hasta el 31 de Octubre de 2017, fecha de la finalización del proyecto. Salvo que el plazo acordado en el "Primer Contrato" sea extendido o, caso contrario, se la fecha de finalización sea anticipada.
- b) La FCIEN cumplirá con los términos y condiciones del "Primer Contrato" referentes a las funciones de investigación a cargo de la misma. FCIEN no va llevar a cabo u omitir cualquier acción que provoque el incumplimiento del "Primer Contrato" por parte del IADO. Cualquier palabra o término que sea mencionado en presente convenio y en el "Primer Contrato" mantiene el significado atribuido en el último documento salvo que se acuerde lo contrario.
- c) FCIEN junto con el investigador participante en el proyecto SAFER deberán presentar los informes financieros y técnicos al IADO de acuerdo con los formatos y plazos establecidos en el Anexo C.

d) El IADO realizará pagos a la FCIEN cuyos montos están establecidos en el inciso "Pagos" del Anexo B.

CUARTA: RESPONSABLES DE LA EJECUCIÓN Y SEGUIMIENTO

La ejecución del presente convenio estará a cargo del Dr. Daniel Conde, que ha sido designado en el "Primer Contrato" como Investigador Principal con lugar de trabajo en la FCIEN, Universidad de la República, Uruguay. El investigador estará acompañado por un equipo de trabajo cuyos integrantes se mencionan en el Anexo A. También será responsable de la conducción técnica y científica del convenio y del equipo como también de mantenerse en contacto con el Investigador Principal del IADO. Si por alguna razón el investigador principal no puede completar las tareas de investigación inherentes al presente convenio y cuyo reemplazante no es aceptado por el AIDO y o la FCIEN, el presente convenio de investigación se dará por finalizado.

Los responsables del presente acuerdo para IADO son quienes se mencionan a continuación y/o en su defecto quienes ellos designen mediante nota al efecto.

Los responsables del presente acuerdo para serán designados mediante nota y comunicados a IADO.

IADO:

Información de Contacto/Administración financiera

Fundación del Sur para el Desarrollo Tecnológico (FUNDASUR)
12 de Octubre 1842
(8000) Bahía Blanca, Buenos Aires
Argentina
Attention: Executive Director
Phone: (54 291) 488-2541
Fax: (54 291) 488-2541

Cuestiones Científicas:

Dr. Gerardo M. E. Perillo
Instituto Argentino de Oceanografía
Camino La Carrindanga Km. 7
(8000) Bahía Blanca, Buenos Aires
Argentina
Phone: (54 291) 486-1112
Fax: (54 291) 486-1519
Email: gmeperillo@criba.edu.ar

Para cualquier notificación, solicitud, instrucciones, u otras comunicaciones podrá ser entregada en persona o enviarse por correo certificado o por fax dirigido a las personas o números de fax antes mencionados. Se considerará que se han recibido cuando el envío es por correo certificado cuando el recibo postal es reconocido por la otra parte y, si se envía por fax, cuando se envían. La dirección o número de fax de cualquiera de las partes pueden ser modificadas mediante notificación en la forma prevista en esta Sección.

QUINTA: RECURSOS ECONÓMICOS

Se establece que el aporte económico que se realice en cada caso se efectuará de común acuerdo entre los representantes de ambas instituciones, siempre y cuando persiga los objetivos planteados oportunamente en puntos anteriores. Para el caso de que exista cualquier tipo de erogación por parte de la UDELAR se requerirá previo informe de disponibilidad presupuestal.

El IADO a través de FUNDASUR pagará a la FCIEN los montos correspondientes al inciso "Pagos" del anexo C. Los pagos podrán ser retenidos si los informes técnicos y financieros no se entregan en los plazos y forma establecidos a continuación:

- a) **Informes financieros:** los informes financieros deben presentarse utilizando el formato que se presenta en el Anexo C. Todos los informes deben presentarse en dólares estadounidenses. En el informe financiero debe justificarse cómo se han utilizado los fondos además de la indicación de los gastos comprometidos. El informe financiero debe ser firmado por el Investigador Principal representante de la FCIEN y por la autoridad a cargo de la administración financiera.

Informes financieros anuales: deben presentarse ante el IADO utilizando el formato que se presenta en el Anexo C:

- Para el período que se inicia con la firma del presente convenio hasta el 30 de agosto: el 1 de octubre de 2014
- Para el período 1 septiembre 2014 al 31 agosto 2015: el 1 de octubre de 2015
- Para el período 1 septiembre 2015 hasta 31 agosto 2016: el 1 de octubre de 2016
- Para el período septiembre 1, 2016 hasta agosto 31, 2017: el 1 de octubre de 2017

Informe financiero final: deben presentarse ante el IADO utilizando el formato que se presenta en el Anexo C:

- Para el período que se inicia con la firma del presente convenio hasta el 31 de octubre: el 7 de noviembre de 2017

La FCIEN deberá llevar la contabilidad completa de los costos de investigación inherentes al presente convenio incluyendo recibos, tickets y otros documentos de apoyo por un período de tres años después de la aprobación de los informes finales. La autoridad patrocinante del "Primer Acuerdo" puede inspeccionar la contabilidad y documentación de apoyo en cualquier momento dentro de este lapso. La FCIEN debe enviar copia fiel de todos los recibos de gastos al IADO.

(b) Informes técnicos:

Informe técnico de avance: los informes financieros deben presentarse al Investigador Principal del IADO el 1 de octubre de cada año.

Informe técnico final: los informes financieros deben presentarse al Investigador Principal del IADO el 1 de octubre de 2017.

SEXTA: PROPIEDAD INTELECTUAL

Se propondrá al intercambio de información académica y la realización de publicaciones conjuntas. Los derechos intelectuales que devengan de trabajos realizados en el contexto de este convenio pertenecen a ambas partes. Las publicaciones concretadas darán cuenta que dichos trabajos se originan en este convenio. Los términos de publicación o divulgación se atenderán a lo dispuesto en el "Primer Contrato".

SÉPTIMA: VIGENCIA. DURACIÓN. RESCISIÓN

El presente convenio entrará en vigencia a partir de la fecha de su firma y se extenderá hasta el 1 de noviembre de 2017, fecha de finalización del proyecto SAFER. Este período puede extenderse si lo requiere la ejecución del proyecto. No obstante, cualquiera de las partes podrá denunciarlo unilateralmente, sin expresión de causa, mediante preaviso escrito con seis (6) meses de anticipación. La denuncia no dará derecho al reclamo de indemnizaciones de cualquier naturaleza. En cualquiera de los dos casos, al expirar

el convenio, se convendrá la prosecución de los trabajos y cursos en ejecución de modo que la rescisión no acarree perjuicios graves a cualquiera de las instituciones signatarias o a terceros.

OCTAVA: RESOLUCIÓN DE CONFLICTOS

Teniendo en cuenta la finalidad de este convenio, las partes observarán en sus relaciones el mayor espíritu de colaboración, por lo que la labor a realizar deberá constituir un ejemplo de buena voluntad y coordinación de esfuerzos. Ambas partes igualmente se comprometen a resolver en forma directa, por las instancias jerárquicas que correspondan, y de común acuerdo cualquier conflicto, diferencia y/o falta de entendimiento que eventualmente pudiera presentarse.

NOVENA: La suscripción del presente convenio no es óbice para que las partes signatarias, conjunta o individualmente, lleguen a acuerdos similares con otras instituciones nacionales o extranjeras, ni afectar a los ya existentes.

UNDÉCIMA: En prueba de conformidad con las cláusulas precedentes, se formaliza el presente Convenio en tres (3) ejemplares, de igual tenor y al mismo efecto a los.....días del mes de ... de 2014.



Dr. Juan CRISTINA
Decano
Facultad de Ciencias



Dr. Rubén José LARA
Director
IADO - CONICET

23 SET. 2014

ANEXO A

A1. PRIMER ACUERDO

Inter-American Institute for Global Change Research

GRANT AGREEMENT FOR THE SECOND ROUND OF THE COLLABORATIVE RESEARCH NETWORK - CRN3

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GRANT AGREEMENT FOR COLLABORATIVE RESEARCH NETWORKS (CRN II)

The Inter-American Institute for Global Change Research (IAI) has approved a grant in an amount of up to 902,100 (nine-hundred and two thousand, one hundred) US dollars to Dr Gerardo Miguel Eduardo Perillo, Bahía Blanca, Argentina, (hereafter referred to as the Grantee) to enable the Grantee to undertake, in collaboration with Instituto Argentino de Oceanografía (Argentina), Universidad Nacional del Sur (Argentina), Queen's University (Canadá), Centro de Investigaciones en Ecosistemas de la Patagonia (Chile), Universidad de Bogotá Tadeo Lozano (Colombia), Universidad de la República (Uruguay), Universidad of California at Merced (USA) and University of Regina (Canada), collectively referred to as the Sub-Grantees, the research project entitled **Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change** as summarized in Section 1 of this Agreement.

The Grantee agrees that the payment of any funds under this grant is subject to compliance with the conditions set out in this Grant Agreement, including those in Annexes A, B, C, D, E and F which form an integral part of this Grant Agreement.

The grant duration is 60 months from the Commencement Date (see definitions in Annex A1). The funds from the IAI will remain available to the Grantee during this period, provided that the Grantee formally accepts this grant to undertake the research project. Expenses incurred by the Grantee outside this period will not be accepted by the IAI.

The Commencement Date of the grant shall be 1 November 2012
The Completion Date shall be 31 October 2017.

1 Project Objectives

The project will create a network of scientists throughout the Americas who will work collaboratively on global change problems of importance to the region within the framework of the IAI Science Agenda. It will generate new knowledge on the phenomena of change, and stimulate groups of people in the region to provide mitigation and adaptation options within their social, economic, institutional and legal contexts. Networking and effective communication of results are central goals. This will be based on equitable participation in research by network members and on open access and sharing of all results. Research on natural phenomena and human dimensions will be used to develop strategies for communication and policy implications, aided by robust outreach and education initiatives and the collaboration between different research networks through capacity building and across-program synthesis activities involving both scientists and stakeholders. .

The specific aims and objectives of this project entitled Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change" are detailed in the approved proposal (Annex G).

2 Grantee and Executing Agency

All grant funds provided for the project will be received, administered and accounted for by the Grantee.

For the Grantee (Authorized Institutional Representative, AIR) Name:

Dr Rubén J. Lara

Title: Director

Institution: Instituto Argentino de Oceanografía

Address: Camino a la Carrindanga km 7

B8000FWB Bahía Blanca, Argentina

Phone: +54-291-4861112

Fax: +54-291-4861519

E-mail: rubenlara@iado-conicet.gob.ar

For the Executing Agency (if applicable) (Authorized Institutional Representative, AIR) Name:

Ing. Alberto Arcodaci

Title: Executive Director

Institution: Fundación para el Desarrollo del Sur (FUNDASUR)

Address: 12 de Octubre 1842

8000 Bahía Blanca, Argentina

Phone: +54-291-4882541

Fax: +54-291-4882541

E-mail: arcodaci@fundasur-uvt.org.ar

3 Principal Investigator (PI)

The project will be led by the Principal Investigator, an employee or otherwise legally based in a grantee institution and authorized to lead the research activity on behalf of the Grantee. It is a condition of this grant that the Principal Investigator must demonstrate the required scientific and administrative skills to pursue the objectives of this grant successfully. The designation of any successor or assignment of any rights under this Grant Agreement must be in accordance with Annex A.8.

Principal Investigator

Name: Dr Gerardo M. E. Perillo

Title: Investigador Superior

Institution: Instituto Argentino de Oceanografía

Address: Camino a la Carrindanga km 7

B8000FWB Bahía Blanca, Argentina

Phone: +54-291-4861112

Fax: +54-291-4861519

E-mail: gmperillo@criba.edu.ar, gmperillo@gmail.com

4 Co-Principal Investigators (co-PI)

The Grantee and/or the Executing Agency is permitted to enter into sub-grants only with the Co-Principal Investigators and Institutions (Sub-Grantees) listed below.

CoPrincipal Investigators

- Dr Silvia London

Departamento de Economía, Universidad Nacional del Sur

Country: Argentina

e-mail: slondon@uns.edu.ar

- Dr James Rusak,

Queen's University and the Ontario Ministry of the Environment

Country: Canada

email: jim.rusak@ontario.ca

- Dr Brian Reid

Centro de Investigaciones en Ecosistemas de la Patagonia, Universidad Austral de Chile

Country: Chile

e-mail: brian.reid@ciep.cl

- Prof. Jaime Humberto Escobar Jaramillo

Universidad del Norte

Country: Colombia

e-mail: jhescobar@uninorte.edu.co

- Dr Daniel Conde Universidad

de la República Country:

Uruguay

e-mail: viaddcc@gmail.com

- Dr Thomas Harmon

University of California at Merced

Country: United States of America e-

mail: tharmon@ucmerced.edu

- Dr Ma. Isabel Velez Caicedo

University of Regina

Country: Canada

e-mail: Maria.Velez.Caicedo@uregina.ca

5 Inter-American Institute for Global Change Research

The IAI's Program Manager will be the main contact of the IAI Directorate with the Principal Investigator and Co-Principal Investigators. The IAI reserves the right to designate a new contact without amending this Grant Agreement.

Name: Ms. Ione Anderson

Address: IAI - Avenida dos Astronautas 1758

São Jose dos Campos - SP

12227-010 Brazil

Phone: (5512) 3208-6869

E-mail: ijanderson@dir.iai.int

For queries on data and information management contact the Information Technology Manager:

Name: Mr. Luis Marcelo Achite

Address: IAI - Avenida dos Astronautas 1758

São Jose dos Campos - SP

12227-010 Brazil

Phone: (5512) 3208-6868

E-mail: lmachite@dir.iai.int

6 Responsibilities

Grantee Responsibilities

The Grantee has full responsibility for the conduct of the project and activities supported under this grant, and for adherence to the grant conditions. Although the Grantee is encouraged to seek the advice and opinion of the IAI on problems that may arise, such advice does not diminish the Grantee's responsibility for making sound scientific and administrative judgments and does not imply that the responsibility for operating decisions has shifted to the IAI. The Grantee is responsible for notifying the IAI immediately about: (1) any allegation of research misconduct that it concludes has substance and requires an investigation; or (2) any significant problems relating to the administrative or financial aspects of the grant.

The Grantee agrees to the prudent management of the funds provided, and undertakes to carry out the activities in accordance with the provisions of the Grant Agreement.

The Grantee agrees to hold funds for Sub-Grantees in such manner that the budget commitments can be fulfilled independent of currency exchanges.

The Grantee agrees to monitor the performance of the project to ensure adherence to performance goals, time schedules, and the approved budget or other requirements of the Grant Agreement.

The Grantee agrees that documentation for any project expenditure or for any action within the grant shall reflect appropriate organizational reviews and approvals that must be made in advance of the action.

The Grantee will ensure that the required technical reports and data for the IAI Data and Information System (DIS) are submitted to the IAI according to the agreed upon schedule, and following the IAI guidelines for their preparation.

The Grantee will ensure that the required financial reports are submitted to the IAI according to the agreed upon schedule, and following the IAI guidelines for their preparation, and will normally appoint a Financial Officer for their preparation.

The Grantee agrees to make available to the project all the resources and cost-sharing originally proposed and committed to the Sub-Grantees.

The Grantee agrees to control the compliance of the Sub-Grantees with the commitments of this Grant Agreement through appropriate Sub-Grant Agreements.

The Grantee agrees to include in its agreements with the Sub-Grantee the required terms and conditions as outlined in the Grant Agreement, and to provide adequate monitoring and oversight of Sub-Grantees.

The Grantee agrees to flow down the sponsor-required terms and conditions and provide adequate monitoring and oversight of Sub-Grantee organizations.

The Grantee agrees to provide documentation supporting the above responsibilities to any audit carried out by the IAI or its granting agencies.

The Grantee agrees to assume the risks involved in any pre-grant costs incurred before a formal grant is issued by the IAI.

The Grantee agrees to reimburse the IAI for any expenditure claimed which is not adequately documented or not recognized as eligible by the IAI (as specified in Annex A4).

Executing Agency Responsibilities (where applicable)

On behalf of the Grantee, the Executing Agency agrees to the prudent management of the funds provided in accordance with the provisions of the grant.

The Executing Agency agrees to monitor the financial performance of the project to ensure adherence to performance goals, time schedules, and the approved budget or other requirements as appropriate to the project or terms of the grant.

The Executing Agency will ensure that documentation for each project expenditure or action affecting the grant shall reflect appropriate organizational reviews or approvals that should be made in advance of the action.

The Executing Agency will ensure that the financial reports are submitted to the IAI according to the agreed upon schedule of reports, following the IAI guidelines for its preparation.

The Executing Agency agrees to flow down the sponsor-required terms and conditions and provide adequate monitoring and oversight to sub-grantee organizations.

The Executing Agency agrees to provide documentation supporting the above responsibilities to any audit carried out by the IAI or its granting agencies.

The Executing Agency agrees to reimburse IAI for any expenditure claimed which is not adequately documented or it is not recognized as eligible by the IAI (as specified in Annex A4).

AIR Responsibilities

The AIR signs the Grant Agreement on behalf of the Grantee, and therefore agrees to monitor the performance of the project and the prudent management of the funds provided, and to assure that the activities will be carried out in accordance with the provisions of the Grant Agreement.

The AIR on behalf of the Grantee ensures that reporting requirements including financial and technical reports and data submission to the IAI DIS are met.

PI Responsibilities

The PI is primarily responsible for the scientific and technical direction of the project.

The PI is the principal contact with the IAI for the project activities.

The PI is empowered to commit project funds according to the approved budget, following the Grant Agreement and the Grantee's regulations.

The PI is responsible for the preparation and timely presentation of the annual and final Technical Reports to the IAI.

The PI will ensure that all data generated within the project to be referenced in the IAI Data and Information Systems (DIS) as metadata. The PI must appoint a person who will liaise with the IAI Information Technology Manager on the generation of metadata for the project.

IAI Responsibilities

The IAI is responsible for providing the funds according to the timing stipulated in the Grant Agreement, provided that the funds are available and that the Grantee complies with all the requirements. The funds will be transferred to the institutional bank account provided by the Grantee.

The IAI is responsible for monitoring the scientific and financial performance of the project.

The IAI is responsible for reviewing the financial and technical reports received from the projects.

The IAI reserves the right to disallow costs to the Grantees and their Sub-Grantees which are not adequately documented or do not meet the requirements of Annex A.4.

The IAI agrees to the prudent management of the funds provided by its sponsor(s) in accordance with the provisions of their grants to the IAI. These may include flow-down provisions that affect the responsibilities of the Grantees and/or Executing Agencies above.

7 Provision of the Grant

The grant is subject to sufficient funds being made available to the IAI by its sponsor(s) during the full course of the grant and to the fulfillment of the financial and reporting requirements by the Grantee. Unless otherwise specified, the Grantee shall receive payments through electronic fund transfers in US dollars. The Grantee will make funds available to the Sub-Grantees in a timely manner and in the amounts specified in US dollars in this Grant Agreement.

Payments may be made in advance, with the exception of the final payment, which is a reimbursement. As outlined in Annexes A9 and A10 (schedule of reports and payments), all payments subsequent to the Initial Payment will be made based on the acceptance and approval by the IAI of required technical and financial reports.

8 Special grant conditions

Financial Management of IAI Funds

Accounting System. Organizations receiving funds from the IAI are required to have an adequate accounting system. The Grantee will institute financial and administrative procedures acceptable to the IAI with respect to the project and will, at the request of the IAI, periodically review such procedures and the progress of the project with the representatives of the IAI.

Records Retention. Financial records, supporting documents, statistical records, and other records pertinent to this grant shall be retained by the Grantee for a period of three years after the approval of the Final Project Reports specified in Annex A.9.

The Grantee agrees that financial reports will be supported by original (or certified copies of) invoices or other documents verifying the transaction. The Grantee agrees to give the IAI upon request reasonable access to all such documentation and books of account relating to the project to permit the IAI or its agents to verify all pertinent financial records.

Audits and access to project sites

The Grantee and (if applicable) the Executing Agency agree that all financial records of the project may be examined by external auditors chosen by the IAI. The cost of this external review will be borne by the IAI. The IAI plans to conduct an audit based on financial statements for the second year of the project. The audit will focus on assessing internal controls, eligible costs and compliance with the terms and conditions of the grant, including how Sub-Grantees maintain records and are monitored.

The Grantee, at the request of the IAI, will permit representatives of the IAI or the US-NSF to visit the project sites at times convenient to the parties concerned and will facilitate the discussion of the results and progress of the project between IAI representatives and project personnel. During these site visits, IAI representatives may request verification of the procurement and usage of goods and equipment purchased with IAI funds.

IAI - Data Information System (IAI-DIS) and open data access

The IAI requires a continuing commitment from the Grantee and the PI to the establishment, maintenance, validation, description, accessibility, and distribution of high-quality data that results from research supported by the grant. PIs and Grantees shall act to facilitate exchange of data among researchers. International standards shall be used to the greatest extent possible for media and for processing and exchange of data sets. By accepting this grant from the IAI, the PI and the Grantee accept their responsibility to adhere to the IAI policy for the free and open Dissemination of Results (Annex A.6). Where applicable, a fully documented data set shall be submitted to the IAI for distribution on the IAI Data and Information System (IAI-DIS), or alternatively, the Grantee shall supply electronic metadata to the IAI-DIS. The IAI requires projects to begin contributing metadata to the DIS from the end of Project Year 1. To facilitate this process, the IAI expects that a contact person be designated by each project for the generation and contribution of metadata. If by the end of Year 3 a project has failed to contribute metadata, this will result in the suspension of further payments under the grant (Annex A.10).

Investigator meetings and outreach

By signing this Grant Agreement, Principal Investigators (PI) commit to their project's participation in the investigator meetings that will be organized by the IAI for purposes of network coordination, science synthesis and others. The non compliance with this condition may result in the cancellation of this Grant Agreement. The cost of this participation will be borne by the IAI. Projects are expected upon request, to contribute articles, photographs and information to the IAI Annual Report, Newsletter and other outreach activities.

Acknowledgements

The Grantee and its Sub-Grantees will recognize the support of the IAI and NSF by citing in all publications, including student theses, the following acknowledgement:

This work was carried out with the aid of a grant from the Inter-American Institute for Global Change Research (IAI) CRN3038 which is supported by the US National Science Foundation (Grant GEO-1128040).

US-National Science Foundation (NSF) Requirements

Grantees shall ensure that the requirements listed in Annex A.13 are appropriately addressed in the Sub-Grant Agreements.

9 Compliance with National Laws

In carrying out this project, the Grantee shall be responsible for complying with all applicable laws and regulations of the countries in which the Research Work will be carried out and to which project personnel may have to travel as part of the project.

10 Disclaimer

The Grantee undertakes the project on its own behalf and not on behalf of the IAI, and the IAI grant shall in no way be construed as creating the relationship of principal and agent, of partnership in law; or of joint venture as between the IAI and the Grantee or any other person involved in the project.

The IAI assumes no liability with respect to any accident to any person or any loss or damage to any person or property arising from the project.

The Grantee is responsible for assuring that every publication of material (including World Wide Web pages) based on or developed under this grant, except scientific articles or papers appearing in scientific, technical or professional journals, contains the following disclaimer:

"Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the Inter-American Institute for Global Change Research nor any of its sponsors."

11 Non Compliance

In the event that the Grantee fails to comply with any of the terms and conditions outlined in this Grant Agreement the IAI may

- refuse to release new payments;
- initiate the Suspension and Termination Procedures for IAI Projects; and
- request the Grantee (or Executing Agency) to return any unspent funds and advances.

12 Suspension and Termination

Any suspension or termination action taken by the IAI will be issued by the IAI Director and will be in accordance with the policies and procedures outlined in *Suspension and Termination Procedures for IAI Projects* (Annex C).

13 Dispute Resolution

In the event of a dispute which can not be resolved through negotiation or by mutual agreement, it will be settled by binding arbitration, with the express exclusion of any other court or jurisdiction, however privileged they may be. The arbitration proceedings shall be conducted in accordance with the rules of the American Arbitration Association in effect at the time a demand for arbitration is made. A decision and grant rendered by all or a majority of the arbitrators shall be exclusive, final and binding on both parties, their heirs, executors, administrators, successors and assignees, as appropriate. The costs and expenses of the arbitration shall be borne by both the Grantee and the IAI. The decision and grant rendered by arbitration will be enforceable, if necessary, in any court having jurisdiction. The arbitration shall be held in a neutral venue approved by the Executive Council of the IAI.

14 Amendment

This Agreement may only be modified by a written amendment agreed between the IAI and the Grantee.

In witness thereof, the Grantee accepts the grant as of the date indicated:

Enclosures:

- ANNEX A Additional Terms and Conditions of the Grant
- ANNEX B Reporting Guidelines
- ANNEX C Suspension and Termination Procedures for IAI Projects
- ANNEX D Banking Information Form
- ANNEX E Approved Project Proposal and Budget
- ANNEX F Financial Report Form

ANNEX A - ADDITIONAL TERMS AND CONDITIONS OF THE GRANT A.1 Definitions

For the purpose of the present Agreement, the following definitions shall apply:

Authorized Institutional Representative (AIR): the administrative official who on behalf of the Grantee or the Executing Agency is empowered to make certifications and assurances and can commit the institution to the conduct of a project that the IAI is being asked to sponsor as well as adhere to IAI policies and grant requirements. The AIR will sign the Grant Agreement on behalf of the Grantee or the Executing Agency. The AIR has the authority to accept the grant and commit the institution to the terms and conditions of the Grant Agreement on behalf of the Grantee. The AIR may not be the Principal Investigator or a Co-Principal Investigator and should be an equivalent or superior authority, who can commit institutional cost sharing contributions and the investigators' time to the project.

Cash Flow Report: an interim account statement detailing cash expenditures and cash on hand used to project needs for funding.

Commencement Date: the date specified in the Grant Agreement on or after which expenditures may be charged to the grant.

Completion Date: the date specified in the Grant Agreement after which expenditures may not be charged to the grant.

Co-Principal Investigator (Co-PI): individuals approved by the IAI who will be working with the Principal Investigator (PI) in the implementation of the scientific and technical aspects of the project. Normally, Co-PIs should be from different institutions than the PI.

Cost Principles: rules used to determine the eligible costs under a specific grant.

Data and Information System (DIS): an Internet Database System used to disseminate standardized information about data produced or generated in the scientific programs of the IAI.

Eligible Costs: those project-related expenses authorized in the Grant Agreement (Annex A.4).

Executing Agency: an organization, chosen by the Grantee and accepted by the IAI, which is responsible for the administrative and financial management of the grant on behalf of the Grantee. There must be a formal relationship between the Grantee and the Executing Agency.

Grant Agreement: the legal instrument that permits the IAI to transfer funds to a Grantee or the Executing Agency, and that sets the rules which will be applied during the term of the activity.

Grantee: the institution that receives a grant and assumes legal and financial responsibility and accountability both for the granted funds and for the performance of the grant-supported activity. The Principal Investigator is associated with the Grantee. It is expected that transfer of funds to the Sub-Grantees will be made and managed by the Grantee. The Grantee is responsible to

commit project funds according to its regulations, the approved budget and the terms of the Grant Agreement.

The Grantee agrees to the performance of the project, to the prudent management of the funds provided and to carry out the supported activities in accordance with the terms and conditions of the grant. Grantees have the primary management responsibility for the conduct of their projects including Sub-Grantee monitoring.

Grant Period: the period from the **commencement date** to the **completion date** of an IAI grant. An IAI grant gives authority to the Grantee to commit and expend funds for eligible costs in support of the activity up to the grant amount specified in the approved budget during the grant period.

IAI Directorate: the primary administrative organ of the Inter-American Institute for Global Change Research. Grantees and investigators will normally communicate with the IAI Directorate through its program manager.

Metadata: Information about data provided by a data supplier which includes: a description of the content, format, quality, utility and origin of the data, security and rights information and other appropriate characteristics.

Other Project Support: additional funds, including non-monetary contributions, raised by the Principal Investigators (PI) and/or the Co-Principal Investigators (Co-PI) to complement the funding provided by the IAI to their project. Such additional support will be identified in the budget as "Other Project Support" and will be declared as such in financial reports.

Overhead: a cost category by which Grantees recover the indirect costs incurred for the administration of the project without providing itemized expenses. No overhead is allowed under the conditions of this grant.

Parallel Funds: contributions from other funding agencies (or foundations) raised by the Grantee for the purpose of the project. Parallel funds are part of "Other Project Support".

Principal Investigator (PI): is the individual approved by the IAI, who will be primarily responsible for the scientific and technical direction of the project. It is expected that there will be strong interaction between the PI and the Co-PIs. The PI will be the principal contact for the IAI. The PI must be associated with the Grantee.

Program Income/Interest Earned: Interest earned on bank deposit of IAI funds and other incomes generated by the project must be on the Financial Report Form. These amounts must be used in support of the grant activities. In addition, the Grantee shall maintain records on the accrual and expenditure of project income on grant related activities and report this information annually to the IAI.

Project Anniversary: the end of every 12-month period after the commencement date.

Research Work: those research tasks undertaken by the Grantee deemed necessary to achieve the project objectives.

Schedule of Reports and Payments: the sequence of payments and the necessary conditions to be met in order to release payments during the term of the project.

Sponsor: the organization/institution that provides funding to IAI for a specific research or education and training program.

Sub-Grantee: an institution chosen by the PI and the Grantee and approved by the IAI that under the guidance of a Co-PI conducts part of the research work under this grant and receives funds from the Grantee as part of this Grant Agreement.

Sub-Grantee Agreement: the legal instrument that permits the Grantee to transfer funds to a Sub-Grantee, and that sets the rules which will be applied during the term of the activity.

Suspension and Termination: Suspension is an action by the IAI that temporarily withholds financial support of a project, in whole or in part, until the Grantee organization can take appropriate action to address IAI concerns. Termination is an action by the IAI that withdraws or ends financial support of a project, in whole or in part, at any time prior to the grant's completion date. See Annex C.

A.2 Implications for Existing IAI Grants

This Grant Agreement will not affect the terms and conditions of any other existing IAI-funded project.

All payments with respect to this project shall be made in accordance with the terms of this Agreement on the condition that the IAI has received all required reports on all other IAI-funded projects. The IAI considers a grant closed upon receipt and acceptance of all outstanding reports covering all grant funds received and expended by the Completion Date of that grant.

A.3 Ethical Standards

IAI-funded individuals are expected to conduct themselves in an ethical manner and to avoid real or perceived conflicts of interest. The IAI Policy on Misconduct in Science is given in Section 3 of the Suspension and Termination Procedures for IAI Projects (Annex C).

The Grantee agrees to comply with principles which aim to protect the dignity and privacy of every individual who, in the course of the Research Work carried out under this project, will be requested to provide personal or commercially valuable information about him/herself or others.

A.4 Eligible and Ineligible Costs

All costs charged to IAI grants must meet the following criteria:

- be in accordance with the approved budget;
- comply with the laws and regulations of the country or countries where the research activity is taking place;

- be consistent with the policies and procedures of the Grantee/Executing Agency or the Sub-Grantee;
- be necessary and reasonable for the execution of the research plan;
- be allocable to the grant (either incurred fully for a specific activity or charged in the proportion in which benefit is derived);
- be adequately documented by Grantees and Sub-Grantees;
- be consistent with the section on Eligible Costs (A.4.1); and
- conform to any additional flow-down requirements imposed by the US-NSF (A.13)

No project-related expenses will be authorized if these expenses were incurred outside the period of availability of the grant.

The following sections describe restrictions which are placed upon the payment for the items, goods or services set forth in the Project Budget (Annex E). The principles of eligible and ineligible costs are already considered in the approved budgets. The following sections provide further details.

A.4.1 Eligible Costs

Salaries for Investigators

As a general policy, salaries of the investigators (PI and Co-PIs) are covered by each participating institution. If PIs or Co-PIs receive salary from the grant because of exceptional circumstances recognized by the IAI, then this direct cost must be stated in the grant submission. In principle, IAI grant funds should not be used to augment the salary rate or the total salary of a researcher working full-time at a Grantee or Sub-Grantee institution.

A Grantee or Sub-Grantee may wish to strengthen its scientific capacity by hiring external researchers on a part-time basis. Participation of this person may be charged to the grant provided that the institution demonstrates that:

- the participation of this professional is necessary to develop the research activity;
- the institution does not have this profile among its regular staff;
- the salary paid to this professional is according to the institution's normal scale;
- the time supported by the grant funds is devoted 100% to the project; and
- there are administrative systems in place to control the attendance and the time charged to the research activity and documentation to support the level of effort actually expended on the project;
- outsourcing project initiatives in this way shall not detract from the mandate of institutional capacity building;
- limits to payments for consultant services are applied (A.13); and
- the hiring is part of the approved proposal.

Compensations for Students/Scholarships

As a general policy, the IAI encourages capacity building activities in terms of participation of graduate and post-graduate students in the sponsored research activities. The cost of the direct participation of students in the research activity is eligible under the following conditions:

For Students Participating as Research Assistants:

- the participation of these students is necessary to support the development of the research activity;

- their academic background is in accordance with the needs of the research activity;
- the contracts/scholarships for the students: term, amount, fringe benefits (if any), are consistent with the organization's regular policies and practices;
- the time supported by the grant funds is devoted 100% to the project; and
- there are administrative systems in place to control the attendance and the time charged to the research activity and documentation to support the level of effort actually expended on the project.

For Student Scholarships:

- the scholarships were included in the approved proposal;
- the graduation thesis addresses issues analyzed in the research activity,
- the scholarships are consistent with the organization's regular policies and practices;
- the support goes preferably to nationals from Latin American and Caribbean IAI member countries; and
- students are made aware of the source of their support, and they abide by the requirements regarding acknowledgments and the open exchange of data and information.

Travel / Workshops

Local and international travel related to the proposed research activities will be allowed under the following conditions:

- travel funds are requested for field work, attendance to meetings and conferences, and other travel associated with the research activity;
- there is an itemization by destination and cost (airfares and per diems);
- the per diem rates applied are those applied by the institution for similar activities (for per diem rates in locations where there is no established institutional rate, the Daily Subsistence Allowance (DSA) Report of the United Nations may be used as a reference);
- discounted / economy fares and the most direct route are used;
- the participation in meetings and conferences must be relevant to the project objectives; and
- the US-NSF regulations on the use of US flag carriers and travel to and from Cuba are applied (Annex A.13).

Research Expenses / Materials and Supplies

This category covers the necessary expendable materials directly related to the research activities. Costs related to purchase of equipment, equipment maintenance and office supplies should not be included under this category. Items with costs higher than US\$500 will have to be itemized and justified. Reasonable costs for computer supplies (ink, toner and paper) and computer maintenance and for equipment directly used in the research activities can be included. The cost of hiring external computer services, necessary for the project, and reasonable amounts for the leasing of computer equipment can be included in this category. If internal computer service costs are charged to the project, a justification based on established institutional data processing costs will be necessary.

Equipment

Purchase of equipment, tangible nonexpendable property having a useful life of more than one year and an acquisition cost higher than US\$1,500, will be allowed under the following conditions:

- the amount invested in equipment cannot exceed 10% of the total grant;

- each piece of equipment must be listed individually with its total cost (cost + taxes + insurance + shipping);
- each piece of equipment must be part of the approved proposal;
- the equipment is not already available in the institution for the conduct of the research;
- a similar piece was not bought with funds from a previous IAI grant;
- the acquisition of personal computers will only be authorized if they are exclusively used in the actual conduct of the research; and
- the equipment purchased with the support of the IAI must be accessible to a large number of scientists and students, whenever possible, during and after the completion of the project. Ownership of any equipment purchased with IAI grant funds will remain with the IAI until the successful completion of the project documented through the IAI Directorate. Only thereafter equipment ownership will vest in the PI's or Co-PI's institution. Until the successful completion of the project, the equipment must be available for use in the supported research activity. Any change to this rule requires a specific authorization from the IAI.

Communications

The IAI will authorize reasonable amounts charged as communications costs such as: international phone calls / faxes, internet and other IT access (if the institution does not have this access through its local networks). The communication charges will have to be in accordance with the institution's policies.

Publication / Documentation / Dissemination Costs

This category includes the costs of documenting, preparing and publishing, disseminating and sharing research findings and supporting materials. Page charges for scientific journal publication can be authorized when they report research results from activities supported by the IAI and this support is explicitly acknowledged.

Administrative Support / Office Supplies

As a general policy, the IAI expects that the administration of the grant is performed by the established administrative structure of the Grantee. If the complexity of the research network created for the project requires hiring additional administrative support, this direct charge is eligible under the following conditions:

- the additional administrative position is necessary for the Administrative and Financial management of the research activity;
- the salary paid to this professional is according to the institution's normal salary scale;
- the time supported by the grant funds is devoted 100% to the administration of the grant;
- there are administrative systems in place to control the attendance and the time charged to the research activity; and
- the hiring is part of the approved proposal.

Administrative costs such as for accounting services may be charged if approved specifically by the IAI, and if they are in accordance with the institution's normal scale.

Reasonable direct charges for office supplies and equipment maintenance, exclusively used for the administration of the grant, may be charged as a direct cost.

Banking costs may be charged to this category.

Charges of indirect cost to this category are not eligible.

- No overhead may be charged, but accountable itemized administrative expenses may be charged (up to 10% of the total project budget).

A.4.2 Ineligible Costs

Costs outside the approved budget and outside the limitations of the terms of this Agreement are not eligible. Specifically, the costs of entertainment, amusement, and social activities, and any costs directly associated with such activities (such as tickets to shows or sporting events, meals, lodging, rentals, transportation and gratuities) are ineligible. No IAI funds may be spent on alcoholic beverages.

A.5 Goods and Equipment

Procurement

The Grantee shall ensure that all purchases are conducted according to the Grantee's procurement procedures.

Importation

Any Grantee taking delivery of equipment purchased with IAI funds for the project, whether purchased by the Grantee or by a Sub-Grantee is responsible for undertaking all formalities and other administrative arrangements necessary for importing the equipment into the country in which the research work will take place.

Ownership and Insurance of Goods and Equipment Purchased with IAI Funds

Ownership of any goods and equipment will remain with the IAI and transfer to the PI's or Co-PI's institution only upon successful completion of the project, documented through the IAI Directorate.

IAI funds cannot be used to insure goods or equipment even if the equipment was purchased through the IAI grant. The IAI assumes no responsibility in the event of loss or damage to said goods or equipment.

Equipment Safety

The Grantee shall ensure that any goods and equipment provided through this grant is used with the required safety precautions so that risks to the physical safety of individuals are minimized.

Sale, Cession or Disposal of Equipment or Goods

During the course of the project, no goods, or equipment purchased with funds provided by the IAI shall be sold, ceded, or otherwise disposed of without the prior approval of the IAI.

Sales made after the project completion or any taxes resulting from such sales shall be the exclusive responsibility of the Grantee.

A.6 Dissemination of Results

As stated in the *Agreement Establishing the Inter-American Institute for Global Change Research* (Article II): "*The Institute shall pursue the principles of scientific excellence, international cooperation, and the full and open exchange of scientific information, relevant to*

global change". In disseminating the results of the project, all Project Grantees shall adhere to the following conditions:

Grantees have the right to publish, in any form, the results of the project, or any other information prepared or produced as a result of this grant, and are not required to obtain the consent of the IAI to do so, except where they have signed a subsidiary Memorandum of Understanding (MOU) with respect to intellectual property.

Any publication not acknowledging the support from the IAI and the US-NSF (Section 8-Acknowledgements of the Grant Agreement) will not be added to the project record.

Notwithstanding the foregoing, in any collaborative work it is understood that publication of the project results will be effected jointly by all parties, unless all parties agree otherwise in writing. The IAI encourages investigators to sign agreements on sharing of and access to data, and on mutually agreed publication and dissemination policies for the project teams at the beginning of the grant period. Such agreements shall reflect IAI policies of open access and full attribution.

The IAI may provide to any member of the public who so requests one copy of any report, writings, films, tapes, CDRoms or other medium containing information arising from the project. The IAI may also digitize such works and make them available on its web site. When it does so, the IAI shall ensure the material is indexed with full attribution to the authors.

Following consultation with the investigators involved, the IAI may undertake other forms of publication or distribution of the results of the project, directly or through a third party where it is in the best interests of promoting knowledge on global change.

The Grantee or PI shall provide the IAI with an electronic copy of any publication it has made of the results of the project or of any other information prepared or produced as a result of this grant, and electronic copies of any audio or visual material, specifying the software and, where applicable hardware used. The IAI encourages all collaborating institutions to provide copies of all their publications to each other. When no electronic copies are available, paper version of publications must be supplied to the IAI.

Only under special circumstances Principal Investigators may request initial periods of exclusive data use. For such exceptional cases, the IAI shall negotiate the duration of the exclusive use period. Rules on the temporary protection of data and information contained in student thesis pertaining to the period prior to a thesis defense, shall be honored.

A.7 Intellectual Property Rights

Any intellectual property rights arising from the project will be vested in the Grantee or investigator responsible provided that the Grantee and PI hereby grant to the IAI or its sponsors the licensed rights to produce, publish, translate, reproduce, adapt, broadcast or use at no cost, any work subject to such intellectual property rights.

The Grantee and PI acknowledge that any use by the IAI or any of its sponsors of any documents or records, in whatever form, provided pursuant to any provision under this grant shall not

constitute an infringement of copyright and the Grantee and PI agree not to make any such claim against the IAI, its employees, or its sponsors.

Inventions

When it is deemed likely that an invention may be created during the project, the grant will be subject to the condition that the Grantee signs a MOU to be attached to the present Grant Agreement and to be an integral part of it. This MOU may include requirements from any of the IAI sponsors supporting this research program.

Computer Software

In the case of any copyright or other similar form of protective right that arises with respect to a computer program, model or Geographic Information System, its documentation, or other related material developed consequent to the project, it is agreed that:

- the Grantee will promptly supply the IAI with full information as to content and authorship of such a program;
- the Grantee and the IAI will jointly own, in all countries of the world, the full right, title, and interest in such copyright or other similar forms of protective rights;
- the Grantee and the IAI will have, in all countries of the world, a royalty-free irrevocable license, with the right to grant sub-licenses to third parties, to reproduce, copy, modify, or use any such information technology; and
- the Grantee shall ensure by appropriate contracts, that its employees or contractors will cooperate in meeting the Grantee's obligations under these provisions.

A. 8 Changes to the Grant Agreement

Any change to the terms of the Grant Agreement must be formally requested by the Grantee and the PI. Normally, the Directorate will analyze and make a decision about any request for change within 20 working days after the receipt of the official request.

Change of Grantee

A change of Grantee will require that the existing grant be terminated and a new Grant Agreement be implemented. When a PI relinquishes the association with a Grantee, this precipitates a change in Grantee. When a Grantee relinquishes the management of a project, the project will be terminated by mutual consent and a substitute Grantee must be nominated by e-mail and official letter by the PI. The Co-PIs and the Sub-Grantees must agree with this nomination. If there is no agreement for the nomination of the substitute Grantee within 90 days, the IAI may choose not to implement a new Grant Agreement. A risk assessment of the proposed substitute Grantee will be conducted by the IAI Directorate prior to making the final decision. The IAI reserves the right to accept or refuse a proposed new Grantee.

Changes in Objectives, Scope or Methodology

Change in Objectives and Scope. The objectives of the project cannot be changed without prior approval from the IAI. The PI must propose such changes in writing to the IAI Directorate (through the Program Manager). The request for changes must be endorsed by the Co-PIs. The IAI may request a new peer review of the project prior to making the final decision. The Program Manager will electronically notify the PI and AIR about the final decision. If approved,

the Grant Agreement will be amended and signed by the Executive Director. An electronic copy of the amendment will be sent to the PI and AIR by the Program Manager.

Changes in Methodology. The IAI believes that the PI should feel free to pursue interesting and important leads that may arise during the conduct of the research, or to adopt an alternative approach that appears to be more promising to achieve the proposed objectives. Significant changes in methodology should be reported to and approved by the IAI Scientific Assistant Director who may, if deemed necessary, consult the Executive Director, IAI Scientific Advisory Committee members or other experts in the field. The Scientific Assistant Director will notify (by email) the PI and AIR of the final decision.

Changes in Persons or Time Devoted to the Project

The IAI decision to support or not to support a proposed project is based to a considerable extent upon its evaluation of the proposed PI's and Co-PI's knowledge of the field of study and their capabilities to conduct the project in an efficient and productive manner. The named PI and Co-PIs should be continuously responsible for the conduct of the project and be closely involved with the effort.

Short-Term Absence of PI. If the named PI will be absent from the project for short periods of up to three months, he/she shall notify the IAI Directorate by e-mail of arrangements for the conduct of the project during his/her temporary absence. Not less than 30 days prior to his/her departure, he/she must submit the name of the Co-PI who will be in charge of the project during the absence of the PI to the IAI Directorate by e-mail.

Long-Term Absence of PI. In the event the named PI will be away from the project for a period greater than three months and not exceeding one year, arrangements for oversight of the project, including the name of the Co-PI who shall be in charge, shall be sent to the IAI Directorate by e-mail for approval. This information shall be provided at least 30 days before departure and addressed to the IAI Program Manager with copy to the AIR. The IAI Scientific Assistant Director will provide written approval if the arrangements are satisfactory. If the arrangements are not satisfactory to the IAI, the IAI Directorate will consider the option of a different Co-PI. In case this option also fails, and after consultation with the IAI Executive Director, the suspension and termination procedures will apply.

Change in Person-Months Devoted to the Project. Before the PI or Co-PIs will devote substantially more or less time to the project than anticipated in the proposal, the PI should consult with the IAI Directorate. If the IAI Directorate determines that the increased effort will substantially affect the project proposal as approved or the reduction of effort will substantially impair the successful execution of the project, the IAI may (1) request that the affected PI or Co-PI(s) be replaced or (2) terminate the project.

Withdrawal of PI. Before the named PI relinquishes active direction of the project, a substitute PI must be nominated by the remaining Co-PIs. The new PI must be affiliated with one of the institutions participating in the project and his/her designation must be approved in writing by the IAI Executive Director. An agreement on the nomination of the substitute PI must be reached within 90 days after the departure of the original PI. If the substitute PI is not affiliated with the Grantee, the change in PI precipitates a change in Grantee (see this section above).

Significant Changes, Delays or Events of Unusual Interest

In the event that there are problems, delays or adverse conditions that will materially affect the ability to attain the objectives of the project or to meet proposed time schedules, the PI must

notify the IAI Directorate as soon as possible. Any change affecting the original completion date will require consultation with the Executive Director before approval.

Changes in Grant Periods

Changes to the Commencement Date. The commencement date is set in the Grant Agreement and, usually, is mutually agreed upon between the Grantee and the PI within the term fixed in the announcement. Under exceptional circumstances, the IAI Executive Director may authorize changes to this date.

Changes to the Completion Date. A postponement of the completion date will not be possible under this grant.

Changes in Budget Categories

The budget categories of *Salaries for Investigators, Salaries for Students/Scholarships, Equipment* and administrative expenses cannot be altered without prior approval by the IAI.

For other budget categories, if required to further the project, the PI in consultation with the AIR is authorized to transfer funds from one budget category to another for allowable expenditures, as long as the total change to any budget category is less than 10% or US\$5,000, whichever is more, of the total amount in that category. Changes greater than 10% or US\$5,000, whichever is more, will require prior approval by the IAI Scientific Assistant Director and the Administrative and Financial Assistant Director. The request and approval will be made in writing.

The Grantee (or the Executing Agency) will be responsible for monitoring the fulfillment of these requirements.

A.9 REPORTING REQUIREMENTS

All project reports must be submitted electronically to the IAI Program Manager (PM) who is in charge of report logging and tracking. Failure to submit the required reports on time will result in the IAI applying the procedures for project suspension and termination and requesting a refund of the grant for which there has been a failure to account.

Working Currency

Notwithstanding the working currency of the Grantee, the IAI limits its grant payment liability to the value of the grant in US dollars, as stated in this Agreement. The Grantee must prepare the financial reports in US dollars. The grantee will similarly make funds available to subgrantees in the US dollar amounts stated in the approved budget.

To convert amounts from local currency to US dollars, the official exchange rate for the day of the exchange will be used. The Grantee (or Executing Agency) will have to provide this information.

Cash Flow Reports

The IAI requires an informal cash flow report prior to disbursing funding installments between full financial statements.

Annual Reports

The IAI requires the PI and the Grantee to submit annual technical and financial reports. Additional reports may be required if problems are detected during the scientific or financial monitoring. These reports should be submitted to the Program Manager by e-mail. If the financial report is not sent by e-mail in PDF form with the required signatures, originals duly signed by the AIR and the PI must be sent to the IAI by post.

Technical Progress Reports. The PI must submit Annual Technical Progress Reports until the completion of the grant. These reports are always due on October 1st until the completion of the grant and must be signed by the PI. Reports must be in electronic format (pdf, doc, or odt formats) and follow the guidelines outlined in detail in Annex B. The technical progress reports must contain sufficient information detailing the work accomplished - research findings, project results and outcomes, and policy recommendations. The technical progress reports will be used by the IAI Directorate to prepare reports to its sponsors and member countries, develop science syntheses and capacity building, and to prepare other IAI publications and outreach activities.

Financial Progress Reports. The Grantee must submit Annual Financial Progress Reports. These reports are always due on October 1st until the completion of the grant and must be signed by the PI and the AIR. The financial reports can be sent in hard copy or in PDF and follow the format outlined in Annex F.

The Financial Progress Report must be prepared, following the established format, on a cash basis, showing how the grant funds were expended, with details of the committed expenses at the end of the grant year. Annual Financial Reports must include the section for past expenses that provides the projects cumulative expenses.

If approved by the IAI Executive Director, interest earned will be used in support of the grant activities. The earning of interest must not delay any project activities. Interest earned on bank deposit of IAI grants and other incomes generated by the project will be reported on the Financial Report Form (Annex F).

If a separate account for the project funds is maintained, an accompanying bank statement must be sent with the annual financial reports at the end of the grant year.

Funds for subsequent years will not be released until annual reporting requirements have been met to the IAI's satisfaction. Exceptions may be granted by the Executive Director in consultation with the Assistant Directors.

The annual funds will normally be released in two installments. After the first payment, any subsequent payments will be made only upon receipt and approval of a cash flow report. This report, based on the institution's project accounts, must contain sufficient information for the IAI to determine the necessity of releasing an additional advance payment. The cash flow report does not have a specific format but should refer to the approved budget. It does not substitute for the annual financial report.

Report Review and Acceptance

Within 20 working days of receipt of a report, the IAI shall notify the Grantee, in writing, of any errors, omissions or clarification required in the report, in which case any outstanding payment will be withheld until the report is deemed acceptable.

Notwithstanding the Schedule of Reports and Payments (Annex A.10), the financial projections submitted by the Grantee minus the advances not accounted as expenses will serve as basis for establishing the cash flow needs for the period covered by the next payment and, consequently, the amount of the payment.

The timing and amount of payments or installments will depend on receipt and acceptance of the required reports.

Final Reports

The Final Technical Report must be submitted by the PI by December 1st 2017 following the completion date of the grant. The PI and the AIR must sign the report.

The Final Technical Report must follow the format outlined in AnnexB1/B2. It must include a summary written for non-technical audiences summarizing the project and highlighting policy relevant accomplishments, and provide a complete account of all project activities, scientific results, data/metadata created, and dissemination efforts completed or in progress.

The Final Financial Report must be submitted by the Grantee by December 1st 2017. The AIR and the PI must sign the report. The report must be submitted in PDF format. The Final Financial Report must follow the established format (Annex F) and should provide:

- a final accounting of all financial expenditures of the project;
- details of the committed expenses at the end of the project (if any); and comparison of actual costs to budgeted costs for the Grantee and for all Sub-Grantees.

A.10 PAYMENTS

Payments will be made in accordance with the approved budget. The IAI will make grant payments to the Grantee according to the following schedule:

- Initial payment: within 10 working days after reception of the Grant Agreement duly signed.
- Interim payment: within 10 working days after approval of the cash-flow report.
- The amount of these payments will be based upon an analysis by the IAI of the accounted expenditures as well as of the forecast submitted by the Grantee or the Executing Agency.
- Year 2 payment: within 10 working days of approval of the first year technical and financial progress reports.
- Year 3 payment: within 10 working days of approval of the second year technical and financial progress reports and the satisfactory audit.
- From Year 4 onwards, in addition to the approved reports, payments require proof of contribution to the IAI DIS.
- The final payment will be released within 10 working days of approval of the final technical and financial reports as well as the DIS contributions. The amount will be on a reimbursement basis.

The IAI reserves the right to increase or decrease the number, frequency and amount of payments.

Schedule of reports and payments:

PAYMENT	Required documentation	Condition for payment release
Initial US\$ 141,000	Grant agreement	IAI receipt of grant agreement duly signed by all parties
Interim (<i>upon request only</i>) US\$ 35,792	Grantee request including cash flow & justification	IAI approval
YEAR 2 US\$ 168,000	Annual Technical & Financial Report	IAI approval
Interim (<i>upon request only</i>) US\$ 41,545	Grantee request including cash flow & justification	IAI approval
YEAR 3 US\$ 162,000	Annual Technical & Financial Report	IAI approval Satisfactory audit
Interim (<i>upon request only</i>) US\$ 40,683	Grantee request including cash flow & justification	IAI approval
YEAR 4 US\$ 120,000	Annual Technical & Financial Report	IAI approval Satisfactory scientific mid-term evaluation and contribution to IAI-DIS
Interim (<i>upon request only</i>) US\$ 29,265	Grantee request including cash flow & justification	IAI approval
YEAR 5 partial US\$ 131,000	Annual Technical & Financial Report	IAI approval Satisfactory contribution to the IAI-DIS
Final US\$ 32,815	Final Technical & Financial Report	IAI approval Satisfactory contribution to the IAI-DIS

Amounts of payments will be based on the IAI analysis of the accounted expenditures as well as of the forecast submitted by the Grantee or the Administering Institution as identified in Section

2 of the Agreement. All payments will be released within 10 working days after all conditions for payment release have been met.

Request for Payment

All grant payments to the Grantee, except for the final payment, will be considered advances until the required reports are approved by the IAI.

The submission of a financial report and the workplan with associated costs for the subsequent project period will implicitly serve as a request for the next payment.

Holdback and Final Payment

The IAI will retain a percentage (normally 20%) of the last year's grant until the approval of the final technical and final financial reports as described respectively in Annex A.10 and contribution to DIS.

The amount of the final payment will take into account the total actual expenditures of the project.

A.11 Post-Completion Date Costs

IAI grant funds cannot be expended subsequent to the completion date of the grant except to liquidate valid commitments that were made on or before this date. These unliquidated obligations will have to be reported in the final financial report and approved by the IAI Directorate.

A.12 Return of Funds

Within 10 working days after the approval of the final financial report, the Grantee shall return to the IAI any grant funds not used for the project.

A.13 US-National Science Foundation (NSF) Requirements

Consultant Services

Payments to individuals for consultant services under this grant shall not exceed the daily equivalent of the then current maximum rate paid to an Executive Schedule Level IV US Federal employee (exclusive of indirect cost, travel, per diem, clerical services, fringe benefits and supplies). The most current rate (as well as prior archived rates) is available on the NSF Web site. The IAI reserves the right to limit payments for consultant services further to reflect locally appropriate rates.

Use of non-US-Flag Air Carriers

Travel To and From the US Use of a non-US-flag air carrier is permissible only if:

- a. the airport abroad is the traveler's origin or destination airport, and use of US-flag air carrier service would extend the time in a travel status by at least 24 hours more than travel by a non-US-flag air carrier; or
- b. the airport abroad is an interchange point, and use of US-flag air carrier service would increase the number of aircraft changes the traveler must make outside of the US by 2 or more,

would require the traveler to wait four hours or more to make connections at that point, or would extend the time in a travel status by at least six hours more than travel by a non-US-flag air carrier.

Travel Between Points Outside the US Use of a non-US-flag air carrier is permissible only if:

- a. travel by a non-US-flag air carrier would eliminate two or more aircraft changes en route;
- b. travel by a US-flag air carrier would require a connecting time of four hours or more at an overseas interchange point; or
- c. the travel is not part of the trip to or from the US, and use of a US-flag air carrier would extend the time in a travel status by at least six hours more than travel by a non-US-flag air carrier.

Short Distance Travel. For all short distance travel, regardless of origin and destination, use of a non-US-flag air carrier is permissible if the elapsed travel time on a scheduled flight from origin to destination airport by a non-US-flag air carrier is three hours or less and service by a US-flag air carrier would double the travel time.

Activities or Travel to Cuba

In accordance with US rules (31 CFR Part 515), no funds provided by this grant may be used to support activities or travel to Cuba, unless the Grantee receives a special license from the Department of Treasury, Office of Foreign Assets Control. Activities in or travel to Cuba must be separately accounted for to the IAI, and require prior approval by the IAI directorate so they may be covered from non-US sources.

Information Collection

Information collection activities performed under this grant are the responsibility of the Grantee, and NSF support of the project does not constitute NSF approval of the survey design, questionnaire content or information collection procedures. The Grantee shall not represent to respondents that such information is being collected for or in association with the National Science Foundation or any other US Government agency without the specific written approval of such information collection plan or device by the Foundation. However, this requirement is not intended to preclude mention of NSF support of the project in response to an inquiry or acknowledgment of such support in any publication of this information.

Copyrightable Material

a. Subject writing means any material that:

1. is or may be copyrightable under Title 17 of the US Code; and
2. is produced by the Grantee or its employees in the performance of work under this grant. Subject writings include such items as reports, books, journal articles, software, databases, sound recordings, video tapes, and video discs.

b. Copyright Ownership, Government License. Except as otherwise specified in the grant or by this paragraph, the Grantee may own or permit others to own copyright in all subject writings. The Grantee agrees that if it or anyone else does own copyright in a subject writing, the US Federal government will have a nonexclusive, nontransferable, irrevocable, royalty-free license to exercise or have exercised for or on behalf of the US throughout the world all the exclusive rights provided by copyright. Such license, however, will not include the right to sell copies or phonorecords of the copyrighted works to the public.

c. Grants Affected by International Agreements. Research carried out under this grant is covered by an international treaty, the Agreement Establishing the Inter-American Institute. As noted in Article XII of this Agreement, all research undertaken, managed or sponsored by the grantee shall be conducted in accordance with the laws of the Parties. The Agreement stipulates that the Institute shall pursue the principles of scientific excellence, international cooperation, and the full and open exchange of scientific information, relevant to global change. The application of copyright shall not interfere with this treaty principle.

d. Grantee Action to Protect Government Interests. The Grantee agrees to acquire, through written agreement or an employment relationship, the ability to comply with the requirements of the preceding paragraphs and, in particular, to acquire the ability to convey rights in a subject writing to a foreign participant if directed by NSF under the previous paragraph. The Grantee further agrees that any transfer of copyright or any other rights to a subject writing, by it or anyone whom it has allowed to own such rights, will be made subject to the requirements of this article.

US National Security: Classifiable Results Originating Under NSF Grants

NSF does not have original classification authority and does not normally support classified projects. It therefore does not expect that results of NSF-supported research projects will be classifiable, except in very rare instances. In the rare event that the rules below may apply, the IAI directorate must be notified so that appropriate administrative steps can be initiated.

E.O. 12958 (3 CFR 1995 Comp.) states that basic research information not clearly related to the national security may not be classified. Nevertheless, some information concerning, among other things, scientific, technological or economic matters relating to the national security or cryptology may require classification. There may be cases when an NSF Grantee originates information during the course of an NSF-supported project that the Grantee believes requires classification under E.O. 12958. In such a case, the Grantee has the responsibility to promptly:

1. Submit the information directly to the government agency with appropriate subject matter interest and classification authority or, if uncertain as to which agency should receive the information, to the Director of the Information Security Oversight Office, GSA;
2. protect the information as though it were classified until the Grantee is informed that the information does not require classification, but not longer than 30 days after receipt by the agency with subject matter interest or by the GSA; and
3. Notify the cognizant NSF Program Officer.

The Executive Order requires the agency with appropriate subject matter interest and classification authority to decide within 30 days whether to classify the material. If it determines the information will require classification, the Grantee shall cooperate with that agency, NSF or other appropriate agencies in securing all related project notes and papers. If the information is determined to require classification, the Grantee may wish or need to discontinue the project.

A.14 Liability

Neither the IAI nor NSF can assume any liability for accidents, illnesses or claims arising out of any work supported by a grant or for unauthorized use of patented or copyrighted materials. The Grantee institution is advised to take such steps as may be deemed necessary to insure or protect itself, its employees and its property.

ANNEX B - REPORTING GUIDELINES

B.1 Guidelines for the Preparation of CRN3 Annual Technical Reports

Acceptable formats and media

Accepted formats: Reports must be submitted electronically in pdf, odt or doc format. Please submit a single file including all sections listed below. Separate files (ideally in pdf format) can be attached with copies of meeting reports, publications, presentations, proceedings, newspaper articles, etc. Alternatively those attachments, including any CDs produced, can be sent in hardcopy to the IAI Directorate. Please also include photographs of training and education activities, field trips and sites, workshops, labs, etc. in electronic format, hard copy or slides for IAI publications and website.

Content

The annual report should report the activities and achievements of the past year only, i.e. describe progress made during the reporting period. It should not repeat information from previous project years. Only if an important integration or synthesis of results has been achieved that is based on findings from previous years, this should be fully documented, including information that goes beyond the single year. Please include all sections listed below into the project report (if there is nothing to report under a section, please indicate). PLEASE NOTE THAT REPORTS NOT FOLLOWING THE OUTLINE AND FORMAT WILL BE REJECTED BY THE IAI DIRECTORATE.

1 Project Title, Project Number, Principal Investigator and contact details

2 Project Funding

Please list all complementary funds received for this project during the reporting period. Please only list funds received during the period covered by this report and include full details of granting institution(s), grant number, amount, dates, etc. If this project is cost shared, please provide details and an estimate on the percentage (%) of IAI contribution.

3 Research Activities and Findings

Please list the **objectives** for this reporting period (referring to the work plan submitted to the IAI with your last Annual Technical Report or the proposal). Report the **research activities** of the year as they relate to the objectives. Report the **results**, and provide the **main findings** in relation to the objectives. If possible provide an assessment of your findings relating them to other knowledge in the field. Provide an account of project **outcomes and impacts** such as stakeholder participation, and policy or practical applications and capacity building. Include brief summaries or abstracts of any publications resulting from the work as appropriate, and cite relevant literature. Provide details on any achievements that go beyond the original objectives, and specifically comment on any changes or "drift" in the objectives resulting from the experience and findings of the project. Comment on any objectives that have not been achieved. In reporting these results provide attributions to each Co-PI and on network synergies. One of the principal objectives of the IAI is to promote science that cannot be conducted by one institution or one country alone. Please comment on how co-operation, the network and any IAI- led networking and capacity building have enhanced the science.

Comment	on	any	change	in	Co-
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8 Media Coverage and Prizes

Provide details about any media coverage (newspapers, TV, radio, blogs etc.) and of prizes for your project or collaborators.

9 Policy Relevance

Explain how project results developed policy relevance; how the project involved policy and decision makers and science users. What are the project's implications for decision-making processes? Have any results or products been provided to the policy sector or used in legislative process?

10 Main Conclusions

Please list and explain the main conclusions for the reporting period.

11 Work Plan for Next Year with Associated Costs (cash-flow projection)

B.2 Additional Guidelines for the Preparation of CRN3 Final Technical Reports

The final report follows the format of the annual reports, except that it provides information on the entire project. The final report should not be a repeat of the collected annual reports but provide summaries, overviews and syntheses of the project's achievements. In addition to the information required in the annual technical reports, the final report should provide:

Under **item 7**, an outlook on the viability of the network beyond IAI funding. What activities are planned, what are funding opportunities and institutional arrangements for maintaining or consolidating the network or parts thereof?

Under **item 10**, an in-depth analysis of the conclusions, their impact and implications for future research, Global Change science, mitigation and adaptation.

11 Summary for Non-Scientific Audiences

Please provide a summary and digest written for non-technical audiences highlighting policy-relevant accomplishments.

12 Remaining Funds

List any unspent/uncommitted funds remaining in your project (referring to the financial report) and provide justification for any funds obligated beyond the completion date of the project.

15 Observations on the IAI Program

Please provide your opinion on the IAI process, 'lessons learned', or any project and program related comments/suggestions you may have, e.g. difficulties you met or suggestions for improvement.

B.3 Guidelines for the Preparation of Financial Reports

Financial reports shall be prepared using the Financial Report Forms below. Expenses shall be reported based on the structure and format of the Project Budget (Annex E). Financial reports

shall be duly signed by the PI and by the Authorized Institutional Representative of the Grantee. The currency to be used in the report is the US dollar. To convert amounts from local currency to US dollars, the official exchange rate for the day of the exchange will be used. The Grantee/Administering Institution will have to provide this information.

The Grantee shall submit its reports to the IAI contact designated in Section 5 in accordance with the Schedule of Reports and Payments.

The financial report will include:

Section I (Incomes)

- a) a certification of the amounts received
- b) a certification of the amount of interest earned as per Section A.9, in US dollars

Section II (Expenses)

- a) a certification of the amount of IAI grant funds expended on the project during the reporting period and of the amounts committed as of the reporting date.
- b) the approved budget to be expended on the project during the reported period and the calculation of the difference between the approved budget and the expenses + obligations incurred. The unexpended funds will be deduced from the next allocation.

Section III (Expenses by institution)

- a) a certification of the amount of IAI grant funds expended on the project during the reporting period by expense category, and by Grantee and Sub-Grantee. The total of this table must match with the totals in Section II.

Section IV (Cumulative expenses)

- a) a certification of the amount of IAI grant funds expended on the project during the current and past reporting periods by expense category. The total per year of this table must match with the totals in Section II for the current year as well as the Section II totals from previous Annual Financial Reports.

Section V (Other Project Support)

- a) the Parallel Funds (see definition in A.1) expended during the reporting period;
- b) the in-kind contributions from the participating institution during the reporting period.

Section VI (Forecasts)

A forecast of expenditures, in US dollars, for the following project year. This should correspond to the approved budget. Any changes from the approved budget should be explained and may require authorization.

ANNEX C - SUSPENSION AND TERMINATION PROCEDURES C.1 Suspension

and Termination

IAI Policy

- a. Action by the IAI to suspend or terminate financial support for a project will be taken only after the Grantee and PI has been informed by the IAI of the proposed action, or informed of any deficiency on their part and given an opportunity to correct it.
- b. The IAI may immediately suspend or terminate financial support without notice when it believes such action is reasonable to protect the interests of the Institute or any of its Member Governments.
- c. Circumstances may arise in which either the IAI or the Grantee wishes to terminate a project. If both parties agree that continuation of the project would not produce results commensurate with the further expenditure of funds, or if there arises any other reason, the financial support may be terminated by mutual agreement.
- d. Support for a project may be suspended or terminated in whole or in part in any of the following situations:
 - by the IAI when the Grantee has materially failed to comply with the terms and conditions of the Grant Agreement controlling the financial support;
 - by the IAI under its Policy on Misconduct in Science as outlined in Section C.3, below;
 - by the IAI and the Grantee by mutual agreement. If the IAI and the Grantee cannot reach an agreement, the IAI reserves the right to unilaterally terminate the financial support;
 - by the Grantee on written notice to the IAI giving the reasons for such action, the effective date, and, in the case of partial termination, the portion to be terminated or suspended (with the understanding that if the IAI determines that the unterminated portion will not accomplish the purposes of the financial support it may suspend or terminate the entire financial support); or
 - by the IAI when the Institute has other reasonable cause.

Procedures for Suspension or Termination by the IAI

- a. When it is believed that a Grantee or PI has failed to comply with one or more of the terms and conditions of financial support, the IAI Executive Director will normally advise the Grantee and PI in writing of the nature of the problem and that failure to correct the deficiency may result in suspension or termination of the financial support. The Grantee must respond in writing within 30 calendar days of the date of such a communication, describing the action taken or the plan designed to correct the deficiency. The PI will be copied of all such correspondence.
- b. If a satisfactory response is not received within the above period, the IAI Executive Director may issue a notice immediately suspending authority to further obligate funds, in whole or in part. The notice of suspension will be sent by e-mail and certified mail (return receipt requested) to the Authorized Institutional Representative, with a copy to the Principal Investigator. The Executive Director shall inform the relevant IAI Country Representatives of this action in writing. The notice will define the terms of the suspension and its effective date.
- c. Normally, the suspension will remain in effect for a maximum of 60 days to allow the Grantee to take corrective action. In the event that the deficiency is not corrected to the satisfaction of the IAI, the IAI Executive Director may issue a notice of termination, addressed as in b., above. The notice of termination will give the reasons for the action and its effective date.
- d. Success in the appeal process described in Section C.2, below, does not preclude a Grantee being barred from receiving future IAI funding.

- e. Suspension or termination due to misconduct in science will be imposed as provided in that regulation, Section C.3 below.
- f. No costs incurred during a suspension period or after the effective date of a termination will be allowable, except those costs which, in the opinion of the IAI, the Grantee could not reasonably avoid or eliminate, or which were authorized in the suspension or termination notice, provided such costs would otherwise be allowable under the terms of the Grant Agreement controlling the financial support and the governing cost principles.
- g. Within 30 days following the termination date the Grantee will furnish a summary of progress under the financial support and an itemized accounting of costs incurred prior to the termination date or pursuant to f., above. Final allowable costs under a termination settlement shall be in accordance with the terms of the Grant Agreement controlling the financial support, including this section, and the governing cost principles, giving due consideration to the progress achieved under the financial support. In no event will the total of IAI payments under terminated financial support exceed the amount specified in the Grant Agreement controlling financial support or the IAI *pro rata* share when cost sharing was anticipated, whichever is less.
- h. A notice of termination other than by mutual agreement and the final settlement amount may be subject to appeal pursuant to Section C.2. Pending resolution of the appeal, a notice of termination shall remain in effect.

Termination by Mutual Agreement

- a. If the Grantee wishes to terminate the project, the Authorized Institutional Representative should advise the IAI Executive Director in writing.
- b. If the IAI wishes to terminate the project, the IAI Executive Director will advise the Grantee's Authorized Institutional Representative in writing and send copies to the Principal Investigator and the relevant IAI Country Representatives.
- c. Within 30 days after receipt of request from either party for termination by mutual agreement, the other party will provide an appropriate written response. In the event of disagreement between the parties, the IAI Executive Director will make a final decision, subject to the appeal procedures prescribed by Section C.2, below.
- d. Following termination, financial support closeout procedures will be initiated.

C.2 PROCEDURES FOR APPEAL OF TERMINATION

- a. The Grantee should submit certified letters to the relevant IAI Country Representative and to the Executive Council Chair, Inter-American Institute for Global Change Research, Avenida dos Astronautas 1758, São José dos Campos, SP 12221-010, Brazil, noting the Grantee's disagreement or dispute and identifying the IAI Executive Director's decision in question, giving reasons for the appeal and providing any other material pertinent to the appeal.
- b. The letters to the IAI Country Representative and to the Executive Council Chair must be postmarked no later than 30 days after the date of the letter notifying the Grantee of the decision of termination. Electronic copies must be sent to the IAI Executive Director and Executive Council Chair at the same time. The time for filing an appeal is strictly enforced and no extensions for the purpose of preparing it will be granted.
- c. The appeal must contain a full statement of the Grantee's position with respect to the disputed matter and the facts and reasons in support of the Grantee's position. Appeals will be considered if the Grantee submits new information (which was unavailable at the time of the original

decision); if an error in fact or application of IAI policy is noted in the original decision; or if improper procedures were followed in the original decision.

d. The Executive Council Chair will review or designate one or more individuals to review the matter. In no case will the review be undertaken by any individual involved with the decision or involved in recommending and/or monitoring the scientific aspects of the project or responsible for negotiating and/or administering its business aspects.

e. The designated individual(s) will review and consider all relevant information available. A report which identifies the conclusion and recommendation will be completed within 30 days and forwarded to the Executive Council Chair or his/her designee for a final and unappealable written decision for the Institute. The Executive Council Chair or his/her designee will communicate the decision in writing to the Grantee, normally within 15 days of receipt of the report, unless otherwise specified by the IAI.

C.3 MISCONDUCT IN SCIENCE IAI

Policies and Responsibilities

a. MISCONDUCT means: 1) fabrication, falsification, plagiarism or other serious deviation from accepted practices in proposing, carrying out or reporting results from activities funded by the IAI; or 2) retaliation of any kind against a person who has reported or provided information about suspected or alleged misconduct and who has not acted in bad faith.

b. The IAI will take appropriate action against individuals or organizations upon a determination that misconduct has occurred in proposing, carrying out or reporting results from activities funded by the IAI. It may also take interim action during an investigation. Possible actions include sending a letter of reprimand to the individual or organization, requiring prior IAI approval of particular activities by an individual or organization, requiring special assurances of compliance with particular policies, restricting designated activities or expenditures under particular grants, suspending or terminating grants, suspending an individual or organization from future funding and prohibiting participation by an individual as an IAI reviewer, advisor or consultant.

c. The IAI will find misconduct only after careful *inquiry* and *investigation* by a Grantee organization, by another institution or by the IAI. An *inquiry* consists of information gathering and preliminary fact-finding to determine whether an allegation or apparent instance of misconduct has substance. An *investigation* must be undertaken if the inquiry determines the allegation or apparent instance of misconduct has substance. An "investigation" is a formal examination and evaluation of relevant facts to determine whether misconduct has taken place or, if misconduct has already been confirmed, to assess its extent and consequences or determine appropriate action.

d. Before the IAI makes any final determination of misconduct or takes any final action on such a determination, the IAI will normally afford the accused individual or organization notice, a chance to provide comments and rebuttal and a chance to appeal. In structuring procedures in individual cases, the IAI may take into account procedures already followed by other entities investigating the same allegation of misconduct.

e. Prohibition from receiving future IAI funding, or project termination or suspension for misconduct will be imposed only after a decision by the full Executive Council. Severe misconduct is an independent cause for a prohibition from receiving future IAI funding.

f. The IAI Executive Council, subject to final policy guidance from the IAI Conference of the Parties, oversees and coordinates IAI activities related to misconduct, conducts any IAI inquiries

and investigations into suspected or alleged misconduct in science, and except where otherwise provided, speaks and acts for the IAI with affected individuals and organizations.

g. After receiving an investigation report, the subject's rebuttal and recommendations of the Executive Council, the Executive Council Chair may initiate further investigations or hearings or order interim or final actions. A written disposition specifying actions to be taken will be sent to affected individuals or organizations and will include instructions on how to pursue an appeal to the full Executive Council.

Role of Grantees

a. Grantees bear primary responsibility for prevention and detection of misconduct. In most instances, the IAI will rely on Grantees to promptly:

- initiate an inquiry into any suspected or alleged misconduct;
- conduct a subsequent investigation, if the inquiry finds substance; and
- take action necessary to ensure the integrity of research, the rights and interests of research subjects and the public and the observance of legal requirements or responsibilities.

b. If a Grantee wishes the IAI to defer independent inquiry or investigation, the IAI expects it to:

- notify the IAI before deciding to initiate an investigation
- inform the IAI immediately if an initial inquiry finds substance;
- keep the IAI informed as required during such an investigation if the seriousness of apparent misconduct warrants, if immediate health hazards are involved, if the IAI's resources, reputation, or other interests need protecting, if Institutional action may be needed to protect the interests of a subject of the investigation or of others potentially affected, or if the scientific and engineering community or the public should be informed; and
- provide the IAI with the final report of any investigation.

c. If a Grantee wishes the IAI to defer independent inquiry or investigation, it should complete any inquiry and decide whether an investigation is warranted within 90 days. It should similarly complete any investigation and reach a disposition within 180 days. If completion of an inquiry or investigation is delayed, but the Grantee wishes IAI deferral to continue, the IAI may require submission of periodic status reports.

d. Grantees should maintain and effectively communicate to their staff appropriate policies and procedures relating to misconduct, which should indicate when the IAI must or should be notified.

Reporting Possible Misconduct

Possible misconduct in activities funded by the IAI should be reported to the Executive Director,
Inter-American Institute for Global Change Research, Avenida dos Astronautas 1758, São José dos
Campos, SP 12221-010, Brazil.

ANNEX D

BANKING INFORMATION FORM

Please, complete this form and return with the signed Grant Agreement

Beneficiary: FUNDACION DEL SUR PARA EL DESARROLLO TECNOLÓGICO

Bank:

CITIBANK, N. A.
153 East 53rd. Street, 4th. Floor
10022, New York, NY, USA

SWIFT / ABA Code:

SWIFT: CITIUS33
ABA: 021000089

Account Number: 10824572

If your bank has a correspondent bank in the USA, please, provide the following information:

Bank: (please provide complete name and address)

SWIFT / ABA Code:

Account Number (in the correspondent bank):

ANNEX E - APPROVED PROJECT BUDGET

Project Title: Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change						
Duration of research project (in months):		PLEASE SEND THIS PAGE DULY SIGNED TOGETHER WITH THE COMMITMENT LETTER IN PDF FORMAT OR BY FAX.				
BUDGET SUMMARY (based on the attached detailed budget forms completed in US dollars)						
Budget category	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Salaries for Research Staff	0	0	0	0	0	0
Salaries for Students / Scholarships	52,800	52,800	52,800	39,600	39,600	237,600
Travel / Workshops	44,300	57,200	65,300	65,300	65,300	297,400
Equipment	10,000	16,000	6,000	0	0	32,000
Research Expenses / Materials & Supplies	43,000	23,500	28,000	13,500	9,000	117,000
Communications	1,500	500	500	500	500	3,500
Publication / Documentation / Dissemination Costs	0	33,000	24,000	9,000	27,000	93,000
Administrative Support / Office Supplies	25,192	26,545	26,083	21,365	22,415	121,600
Overhead (Indirect project costs)	0	0	0	0	0	0
Total in US dollars	176,792	209,545	202,683	149,265	163,815	902,100
OFFICIAL REQUEST						
We hereby certify that this budget proposal, and all its accompanying detailed budget submission forms, correctly and fairly reflect the financial plan of the proposed activity, and more specifically the portion proposed for IAI support.						
Name of Principal Investigator:		Job title:		Signature:		
Gerardo M. E. Perillo		Investigador Superior				
Name of Authorized Institutional Representative:		Job title:		Signature:		
Rubén J. Lara		Director Instituto Argentino de Oceanografía				
Date: October 3, 2012						

Project Title: Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change

DETAILS OF BUDGET SUBMISSION: SALARIES FOR RESEARCH STAFF (in US dollars)

As a general policy, IAI understands that the salaries of the investigators (PI and co-PIs) are covered by each participating institution and are part of the in-kind contributions offered by these institutions. In principle, IAI grant funds shouldn't be used to augment the salary rate or the total salary of a researcher working full-time at the institution. It is possible that a participating institution proposes to strengthen its scientific capacity by hiring external researchers on a part-time basis. **ATTACH BUDGET NOTES AND EXPLANATIONS** (See General

Item of expenditure	Year 1	Year 2	Year 3	Year 4	Year 5	Total	Reference to Justification Page
1							Reference to page: 30
2							Reference to page:
3							Reference to page:
4							Reference to page:
5							Reference to page:
6							Reference to page:
7							Reference to page:
8							Reference to page:
9							Reference to page:
10							Reference to page:
11							Reference to page:
12							Reference to page:
Totals for Salaries for Investigators	0	0	0	0	0	0	

Project Title: Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change							
DETAILS OF BUDGET SUBMISSION: SALARIES FOR STUDENTS / SCHOLARSHIPS (in US dollars)							
As a general policy, IAI encourages the capacity building activities in terms of participation of graduate and post-graduate students in the sponsored research activities.							
The cost of the direct participation of students in the research activity is authorized under the conditions explained in the General Guidelines. ATTACH BUDGET NOTES AND EXPLANATIONS							
Item of expenditure	Year 1	Year 2	Year 3	Year 4	Year 5	Total	Reference to Justification Page
1 Shared PhD Student Argentina-Chile-USA	13,200	13,200	13,200	13,200	13,200	66,00	Reference to page: 30
2 Shared PhD Student Argentina-Canada	13,200	13,200	13,200	0	0	39,60	Reference to page: 30
3 Shared PhD Student Uruguay-Canada	13,200	13,200	13,200	13,200	13,200	66,00	Reference to page:30
Project Title: Sensing the America	13,200	13,200	13,200	13,200	13,200	66,00	Reference to page: 30
5							Reference to page:
6							Reference to page:
7							Reference to page:
8							Reference to page:
9							Reference to page:
10							Reference to page:
11							Reference to page:
12							Reference to page:
Totals for Salaries for Students / Scholarships	52,800	52,800	52,800	39,600	39,600	237,600	

Project Title: Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change

DETAILS OF BUDGET SUBMISSION: RESEARCH EXPENSES / MATERIALS AND SUPPLIES (in US dollars)

This category includes all the necessary expendable materials directly related to the research activities. Costs related to purchase of equipment, equipment maintenance and office supplies cannot be included under this category (see General Guidelines). **ATTACH BUDGET NOTES AND EXPLANATIONS**

Item of expenditure	Year 1	Year 2	Year 3	Year 4	Year 5	Total	Reference to Justification Page
1 Supplies and materials for PHD students (thesis support) - Uruguay	14,500	0	9,500	0	0	24,00	Reference to page: 31
2 Supplies and materials for PhD students (thesis support) - Chile/Argentina/USA	9,500	9,500	9,500	4,500	4,500	37,500	Reference to page: 31
3 Supplies and materials for PhD students (thesis support) - Colombia/Canada	9,500	4,500	0	4,500	0	18,50	Reference to page: 31
4 Supplies and materials for PhD students (thesis support) - Uruguay/Canada	0	9,500	4,500	4,500	0	18,50	Reference to page: 31
5 Supplies and materials for PhD students (thesis support) - Canada/Argentina	9,500	0	4,500	0	4,500	18,50	Reference to page: 31
7							Reference to page:
8							Reference to page:
9							Reference to page:
10							Reference to page:
11							Reference to page:
12							Reference to page:
Totals for Research Expenses / Materials and Supplies	43,000	23,500	28,000	13,500	9,000	117,00	

Project Title: Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change

DETAILS OF BUDGET SUBMISSION: COMMUNICATIONS (in US dollars)

The IA will authorize reasonable amounts charged as communications costs. Under this category, the following items will be recognized:

- ☐ international phone calls / faxes; and
- ☐ internet access (if the institution does not have this access through its local

network). (see General Guidelines) **ATTACH BUDGET NOTES AND EXPLANATIONS**

Item of expenditure	Year 1	Year 2	Year 3	Year 4	Year 5	Total	Reference to Justification Page
1 Web page and other social network development and maintenance	1500	500	500	500	500	3500	Reference to page: 31
2							Reference to page:
3							Reference to page:
4							Reference to page:
5							Reference to page:
6							Reference to page:
7							Reference to page:
8							Reference to page:
9							Reference to page:
10							Reference to page:
11							Reference to page:
12							Reference to page:
Totals for Communications	1500	500	500	500	500	3500	

Project Title: Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change

DETAILS OF BUDGET SUBMISSION: PUBLICATION / DOCUMENTATION / DISSEMINATION COSTS (in US dollars)

This category includes the costs of documenting, preparing, publishing, disseminating and sharing research findings and supporting materials. Page charges for scientific journal publication can be authorized when they report research results from activities supported by the IAI and this support is explicitly acknowledged. **ATTACH BUDGET NOTES AND**

Item of expenditure	Year 1	Year 2	Year 3	Year 4	Year 5	Tot al	Reference to Justification Page
1 Brochures/divulgateion		9,000	4,500	4,500	18,000	36,000	Reference to page:
2 Children books		9,000	4,500	4,500	9,000	27,000	Reference to page:
3 Manual for managers (municipalities) on coastal monitoring-		5,000	10,000			15,000	Reference to page: 31
4 Course on environmental monitoring for managers - Uruguay		10,000	5,000			15,000	Reference to page:31
5							Reference to page:
6							Reference to page:
7							Reference to page:
8							Reference to page:
9							Reference to page:
10							Reference to page:
11							Reference to page:
12							Reference to page:
Totals for Publication (Documentation /	0	33,000	24,000	9,000	27,000	93,000	

Project Title: Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change

DETAILS OF BUDGET SUBMISSION: ADMINISTRATIVE SUPPORT / OFFICE SUPPLIES (in US dollars)

See General Guidelines. **ATTACH BUDGET NOTES AND EXPLANATIONS**

Item of expenditure	Year 1	Year 2	Year 3	Year 4	Year 5	Total	Reference to Justification Page
1 Part time Management Officer for the project located in Argentina	9,600	9,600	9,600	9,600	9,600	48,000	Reference to page:31
2 Administrative expenses FUNDASUR (7%)	13,592	14,945	14,483	9,765	10,815	63,600	Reference to page:
3 Bank transfer expenses	2,000	2,000	2,000	2,000	2,000	10,000	Reference to page:
4							Reference to page:
5							Reference to page:
6							Reference to page:
7							Reference to page:
8							Reference to page:
9							Reference to page:
10							Reference to page:
11							Reference to page:
12							Reference to page:
Totals for Administrative Support / Office Supplies	25,192	26,545	26,083	21,365	22,415	121,600	

Project Title: Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change

DETAILS OF BUDGET SUBMISSION: OVERHEAD (INDIRECT PROJECT COSTS) (in US dollars)

See General Guidelines. **ATTACH BUDGET NOTES AND EXPLANATIONS**

Item of expenditure	Year 1	Year 2	Year 3	Year 4	Year 5	Total	Reference to Justification Page
1							Reference to page:31
2							Reference to page:
3							Reference to page:
4							Reference to page:
5							Reference to page:
6							Reference to page:
7							Reference to page:
8							Reference to page:
9							Reference to page:
10							Reference to page:
11							Reference to page:
12							Reference to page:
Totals for Overhead (Indirect Project Costs)	0	0	0	0	0	0	

ESTIMATES OF IN-KIND CONTRIBUTIONS TO PROJECT (in US dollars)

In-kind contributions represent cash amounts expended by the recipient such as salaries of regular staff, equipment, and infrastructure.

NATURE (specify)	REASONABLE ESTIMATE	DONATING INSTITUTION
Salaries and equipment	\$350,000	IADO and Univ. Nac. del Sur (Argentina)
Equipment	\$48,000	PAMPA 2 project equipment
Partial Salaries and Equipment	\$285,000	Universidad de la Republica, Uruguay
Partial Salaries	\$37,450	University of Regina
Partial Salaries	\$18,000	Universidad del Norte
Partial Salaries	\$61,650	University of California at Merced
Partial Salaries and Equipment	\$90,000	Ontario Ministry of the Environment
Total for project	\$890,100	

Project Title: Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change

FINANCIAL CONTRIBUTIONS BY OTHER DONORS

Please provide the details of financial contributions that will be made to the project by other funding agencies.

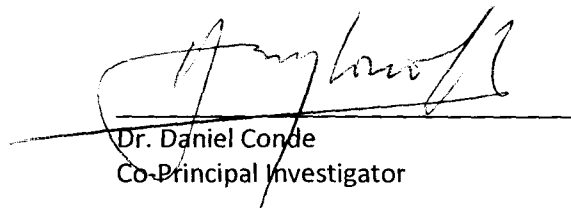
Date of signed or expected contract (dd/mm/yy)	Signed Yes or No	Pledged in signed or expected contract		Donor name (or acronym if well known)	Donor contact (person name)
		Amount	Currency		
12/01/2012	yes	894,000	\$AR	CONICET. Project PAMPA 2 duration 5 years from January 2012	Patricia Macagno pmaccagno@conicet.gov.ar
01/03/2010	yes	10,000	\$AR	Univ. Nac. del Sur. Project Estudio Integrado de Lagunas Pampaneas PGI 24/G059 . End Dec. 2013	M. Cintia Piccolo secyt@uns.edu.ar
01/04/2011	yes	330,000	\$AR	ANPCYT PICT-2010-2442. "Herramientas de hardware y software para el relevamiento y procesamiento de datos de monitoreo y sensado remoto, y sus aplicaciones en el sector público y productivo".	Claudio A. Delrieux cad@uns.edu.ar

		Project Title: Sensing the Americas' Freshwater Ecosystem Risk (SAFER) from Climate Change						
		CONSOLIDATED BUDGET SUMMARY (Breakdown by Institution) (in US dollars)						
		This form summarizes the budget of each institution over the life of the project.						
Name of institution <input type="checkbox"/>	IADO and UNS (Argentina)	UoC Merced (USA)	Queen's University	CIEP (Chile)	U. del Norte (Colombia)	Univ. República (Uruguay)	U. Regina (Canada)	Total
Budget category <input type="checkbox"/>								
Salaries for Research Staff	0	0	0	0	0	0	0	0
Salaries for <input type="checkbox"/>	41,800	22,000	33,000	22,000	33,000	33,000	52,800	237,600
Travel / Workshops	62,136	16,286	16,286	62,136	62,136	62,136	16,286	297,400
Equipment	0	0	0	10,000	10,000	12,000	0	32,000
Research Expenses / <input type="checkbox"/>	21,750	12,500	9,250	12,500	9,250	32,250	18,500	117,000
Communications	3,500	0	0	0	0	0	0	3,500
Publication / Documentation	63,000	0	0	0	0	30,000	0	93,000
Administrative Support / <input type="checkbox"/>	113,029	1,429	1,429	1,429	1,429	1,429	1,429	121,600
Overhead (Indirect project <input type="checkbox"/>	0	0	0	0	0		0	
Total in US dollars of	305,214	52,214	59,964	108,064	115,814	171,814	89,014	902,100

ANEXO A

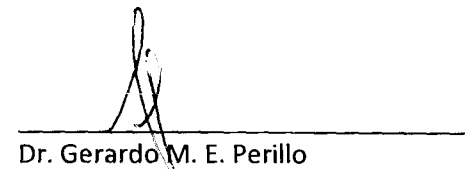
A2. Investigadores Principales designados en el "Primer Contrato" y que han tomado conocimiento de las disposiciones del mismo:

**Universidad de la República – Facultad de
Ciencias, Uruguay**
Per:



Dr. Daniel Conde
Co-Principal Investigator

**Instituto Argentino de Oceanografía,
Argentina**
Per:



Dr. Gerardo M. E. Perillo

Universidad de la República – Staff

Daniel Conde	Co-Investigador Principal
Juan Pablo Lozoya	Investigador
Federico Quintans	Investigador estudiante
Clara Píriz	Investigador
Daniel de Alava	Investigador
Mariana Nin	Investigador estudiante

ANEXO B

B1. Presupuesto

Universidad de la República Uruguay	Año 1	Año 2	Año 3	Total
Sueldos de Estudiantes / Becas	13.200,00	13.200,00	13.200,00	39.600,00
Viajes / Asistencias a Workshops	9.328,57	9.328,57	9.328,57	27.985,71
Equipamiento	6.000,00	0,00	0,00	6.000,00
Gastos de Investigación / Materiales e Insumos	14.000,00	4.500,00	0,00	18.500,00
Publicaciones / Documentos	15.000,00	0,00	0,00	15.000,00
Apoyo Administrativo / Insumos de oficina	0,00	0,00	0,00	0,00
Total en dólares estadounidenses	57.528,57	27.028,57	22.528,57	107.085,71

Notas:

- Cualquier ajuste en el presupuesto requerirá una enmienda por escrito entre las partes.
- Los costes indirectos no son un gasto permitido para este proyecto.

B.2 Pagos

El IADO pagará a la FCIEN con una suma de hasta un máximo de ciento siete mil ochenta y cinco con setenta y un dólares (USD\$ 107.085,71), a pagar en cuotas de:

Primer pago Año 1	46.022,86
Segundo pago Año 1	11.505,71
Primer pago Año 2	21.622,86
Segundo pago Año 2	5.405,71
Primer pago Año 3	18.022,86
Final	4.505,71

El primer depósito será realizado una vez firmado el convenio específico entre la FCIEN y el IADO. El pago estará sujeto a que el IADO reciba los fondos del promotor de acuerdo con lo establecido en el "Primer Acuerdo".

B.3 Fondos no utilizados:

Los fondos no utilizados a partir del 31 de octubre 2017 deben ser devueltos a la IADO plazo de 15 días.

ANEXO C

C.1 FORMULARIOS PARA LA PRESENTACIÓN DE REPORTE FINANCIERO

I – GASTOS SEGÚN CATEGORÍA

Proyecto CRNIII38

Año:.....

Nombre de la Institución:.....

Categoría	Gastos efectivizados	Gastos a liquidar	Total gastos (efectivizados y a liquidar)	Presupuesto aprobado para el año que se rinde (dinero recibido)	Saldo del año anterior	Diferencia entre Saldo & Dinero recibido – Gastos realizados y a liquidar
Sueldos de Estudiantes / Becas						
Viajes / Asistencias a Workshops						
Equipamiento						
Gastos de Investigación / Materiales e Insumos						
Publicaciones / Documentos						
Apoyo Administrativo / Insumos de oficina						

II- APOYO FINANCIERO

Proyecto CRNIII38

Año:.....

Nombre de la Institución:.....

Financiamiento paralelo		
Institución otorgante	Institución beneficiaria (Investigador Principal)	Monto

Aportes no monetarios		
Tipo de contribución	Institución Aportante	Estimación (en dinero)
Total para el proyecto		

III. PRESUPUESTO PARA EL PRÓXIMO AÑO

Proyecto CRNIII38

Año:.....

Nombre de la Institución:.....

Categoría	Año siguiente
Sueldos de Estudiantes / Becas	
Viajes / Asistencias a Workshops	
Equipamiento	
Gastos de Investigación / Materiales e Insumos	
Publicaciones / Documentos	
Apoyo Administrativo / Insumos de oficina	

C.2 FORMULARIO PARA LA PRESENTACIÓN DEL INFORME TÉCNICO ANUAL

Actividades de Investigación

- Lista objetivos para el período de referencia
- Informar sobre las actividades de investigación del año en que se refieren a los objetivos.
- Proporcione detalles sobre resultados e impactos, como la participación de las partes interesadas y la política o las aplicaciones prácticas y la creación de capacidad de los proyectos.
- Incluya breves resúmenes o resúmenes de las publicaciones resultantes de la obra, según proceda, y citar la bibliografía pertinente.

Dar detalles sobre cualquier logro que van más allá de los objetivos iniciales y comentarios específicos sobre los cambios o "deriva" en los objetivos que resultan de la experiencia y los resultados del proyecto.

Opina sobre cualquier objetivo que no han sido alcanzados.

Publicaciones

Enumere todas las publicaciones en preparación, en prensa o publicado por el proyecto. (Sólo publicaciones reconociendo IAI y apoyo US-NSF, recibida por la Dirección Ejecutiva del IAI por vía electrónica y / o en forma impresa se añadirán a su registro de publicación).

• Categorías:

- Publicaciones en Revistas
- Los libros o cualesquiera otros, publicaciones de una sola vez no periódicas (por ejemplo, procedimientos, capítulos de libros)
- Publicaciones electrónicas con referencia completa de la población
- Pósteres y otras presentaciones hechas en las reuniones, conferencias

• Formato en el listado de referencia:

Autor, X., Autor Y., AÑO. Título de la publicación, nombre de la revista, Volumen: números de página

Datos

Por favor, referenciar y describir los datos que produce el proyecto (por ejemplo, N° de muestras, la naturaleza de los datos, donde se puede acceder a esos datos).

Desarrollo de Capacidades

1. Describir las actividades de entrenamiento y capacitación proporcionados a través por el proyecto, tales como talleres, seminarios, viajes de estudio, ejercicios de laboratorio, etc

Tipo de actividad (talleres, seminarios ...):

2. Las actividades de divulgación.

2.1 Proporcionar información sobre cualquier extensión o talleres de extensión, publicaciones, folletos, videos o carteles. (Siempre que sea posible, por favor envíe copias de la IAI).

2.2 Describir eventos tales como reuniones de los interesados o de política. (Proporcionar detalles sobre la creación de capacidades institucionales, inclusive administrativas, desarrollo de políticas, las instalaciones y la infraestructura por ejemplo, el propósito, la ubicación, los recursos movilizados, etc.)

2.3 Lista de estudiantes y becarios

Colaboración Regional/Integración de Redes

Explicar cómo el proyecto contribuyó con la colaboración regional y la creación de redes más allá de las instituciones de los investigadores. (Enlaces y cooperación con otros proyectos CRN3 deben ser descriptas y analizadas aquí. Describir los vínculos de su proyecto con programas mundiales sobre el cambio global o redes regionales).

Cobertura de los medios/Premios y Distinciones

Proporcionar detalles acerca de cualquier cobertura por parte de medios de comunicación (periódicos, TV, radio, blogs, etc) y de premios que hayan sido otorgados al proyecto o sus colaboradores

Relevancia política

Explicar la relevancia política de resultados de los proyectos en caso que sea pertinente (cómo los políticos y tomadores de decisiones y de la ciencia los usuarios del proyecto involucrado / ¿Alguno de los resultados o productos haya prestado al sector de la política o se utilizan en el proceso legislativo?).

Conclusiones principales

Enumere y explique las principales conclusiones para el período de presentación de informes:

Plan de trabajo para el próximo año con los gastos asociados