



19th Scientific Committee Meeting

15-16 April, 2018

Beijing, China

AIRDR

***ASSESSMENT OF INTEGRATED RESEARCH
ON DISASTER RISK***

Virginia Jiménez

Shuaib Lwasa

(SC members)

Reducción del Riesgo de Desastres
Encuentra el postgrado de tu preferencia
en cualquier parte del mundo...



INTERNATIONAL
COUNCIL
FOR SCIENCE



ICSU

International Council for Science
Regional Office for
Latin America and the Caribbean



IRDR

Integrated Research on Disaster Risk

LA RED

Red de Estudios Sociales en Prevención
de Desastres en América Latina

The Study

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Universities and Research Centers by
Country:

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the Map

Search by country

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www.estudiarrd.org

Contenido del Programa:

"Cursos obligatorios I CICLO: Fundamentos de la Gerencia Social, Políticas Sociales y Desarrollo, Planificación Estratégica en Gerencia Social, Ética y Gerencia Social. II CICLO: Gestión del Potencial Humano, Diseño y Gestión de Programas y Proyectos de Desarrollo, II Cultura y Desarrollo, Investigación en Gerencia Social. III CICLO: Gerencia Financiera, Productividad Social, Métodos y Técnicas de Investigación en Gerencia Social IV CICLO: Liderazgo y Equipos de Alto Rendimiento, Mercadeo Social, Seminario de Tesis La Mención en Gerencia de Prevención y Mitigación de Riesgos de Desastres considera los siguientes cursos adicionales: III CICLO: Análisis del Riesgo en la Gestión del Desarrollo IV CICLO: Administración de Desastres, Análisis de Casos de Prevención y Mitigación de Riesgos de Desastres desde el Enfoque Social. " I. Ciencia del cambio climático: Conceptos sobre el clima, variabilidad y cambio climático, Causas, origen e impactos del cambio climático, Cambio climático global y regional, Eventos meteorológicos extremos, Escenarios climáticos globales y regionalización de los escenarios, Evaluación de las amenazas de origen climático. II. Vulnerabilidad ante la variabilidad y el cambio climático: Cambio climático y desarrollo, Conceptos y metodologías para el análisis de vulnerabilidad, Indicadores de vulnerabilidad, Metodologías y experiencias de evaluación de vulnerabilidad en proyectos de adaptación al cambio climático, Experiencias en el sector agricultura, Cambio climático y desarrollo, Conceptos y metodologías para el análisis de vulnerabilidad, Indicadores de vulnerabilidad, Metodologías y experiencias de evaluación de vulnerabilidad en proyectos de adaptación al cambio climático, Experiencias en el sector agricultura. III. Estimación del riesgo climático: Conceptos y metodologías para la estimación del riesgo, Estimación de riesgo ante eventos meteorológicos extremos y climáticos, Aplicaciones de la estimación del riesgo en el contexto de cambio climático y la gestión del riesgo de desastres, Conceptos y metodologías para la estimación del riesgo, Estimación de riesgo ante eventos meteorológicos extremos y climáticos, Aplicaciones de la estimación del riesgo en el contexto de cambio climático y la gestión del riesgo de desastres. IV. Adaptación al cambio climático (ACC): Definición; Enfoques históricos -evolutivos y de gestión de la adaptación. La adaptación como medidas para reducir la vulnerabilidad y el riesgo frente a los eventos climáticos, Tipos de Adaptación. Herramientas e instrumentos para la toma de decisiones: lecciones aprendidas de la adaptación, Experiencias concretas sobre medidas de adaptación implementadas en el Perú, Herramientas e instrumentos para la toma de decisiones, Financiamiento para reducción de la vulnerabilidad y ACC, Formulación de proyectos de inversión con enfoque de cambio climático. Continuación: 22/11, 23/11 y 29/11 "

INFORMACION DE CONTACTO

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CURRENT ACTIVITIES

- Revise the interactive tool designed for the web, to use the information/results of the project “*Identification of existing advances and linkages of the scientific and academic community initiatives with Disaster Risk Reduction (DRR) in Latin America and the Caribbean*” ICSU ROLAC – LA RED (*The Network for Social Studies on Disaster Prevention in Latin America*). The site shows Universities with programs on DRR and Research Centers in LAC, it also shows location and information of ICoE’s.
- Updating information on DRR programs in LAC. 94 programs, 70 Universities (19 countries of the region).
- Revising and modifying templates and adapting them to include information about research centers and projects, so the ICOE’s information can be properly included into the map.

Information on projects



Institute of environmental studies IDEA UNAL



Program Name:

Institute of environmental studies IDEA UNAL



college



Research Center



Public



Private



Creation date:

2003



Services:

Teaching, research and extension programs to increase the capacity in the national field of political, scientific and technological management, providing solutions to environmental problems and expanding the participation of the national university of Colombia in the analysis of society-nature relations, to advance in the construction of a sustainable development. One of the academic work groups is the integral disaster risk management which carries out multidisciplinary and integral research activities of the threats, vulnerability and risk of events of geological, technological and climatic origin.



Related Projects:

1. Join effort to improve the GR through the knowledge and development of information systems in the municipality of Manizales
2. Join efforts to improve the GR through instrumentation, monitors and early warning systems in the municipality of Manizales
3. Join efforts to improve risk management by incorporating risk in planning and awareness in the municipality of Manizales.
4. Component of risk management of the Plan for Management and Management of the Basin -POMCA- of the Chinchiná River.
5. Update of the System of Risk Indicators and Risk Management. ERN-AL consortium. Program of Indicators of Disaster Risk and Risk Management, IDB-IDEA. Inter-American Development Bank. 2003-2005. Inter-American Development Bank, 2009.
6. Automatic Seismic Instrumentation Laboratory of Manizales.
7. Technical activities to improve the response in case of earthquake in Manizales.
8. Diagnosis and Perspectives of Comprehensive Risk Management in Manizales.
9. Work with social networks-diagnosis of the educational sector International course University of Catalonia is carried out since 2007 with internships at the University of Manizales, OFDA, University of Florida.



Dependence:

National University of Colombia, headquarters Manizales.



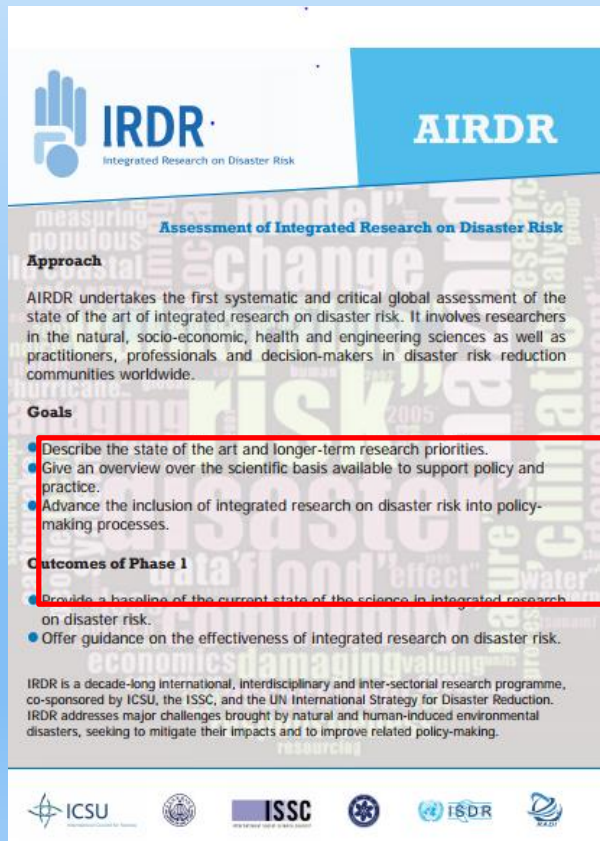
Related Institutions:

IDEA-CORPOCALDAS CORPOCALDAS Inter-American Development Bank Inter-institutional Agreement with the Mayor's Office of Manizales, 2007 Inter-institutional Cooperation Agreement with the Mayor's Office of Manizales, 2005-2006 CORPOCALDAS

PLAN 2018 -2020

Revise objective and goals...

- Taking the opportunity of the mid-term review, we revised and align the objective and goals to the arising challenges of SFDRR, CC and SDG's



GOALS

- An assessment on the state of art of the Integrated Research on Disaster Risk
- An overview of the inclusion of Integrated Research into policy making process (P2SF)
- Identify and support longer terms priorities science agenda for the research community, taking into account other actor's needs, that makes them useful for decision making
- *...But more discussion is needed incorporating new members from the network and ICOE's experience (...workshops), to the AIRDR WG*

...in search of the right questions

- There are very **few linkages established between academic programs and national entities working on DRR**. 39% of postgraduate research, on the basis of works that result from the DRR programs conducted in the LAC region, deal with problems of national or local interest, **but *these are not linked to a demand for national or local entities***. In general it is an initiative of the student during the academic year.
- **The Linkages of the Scientific and Academic Community Initiatives with Disaster Risk Reduction (DRR)**, at least in Latin America and The Caribbean is still fragile...and maybe elsewhere.

- **An integrated approach** has to be promoted to understand and intervene risk underlying factors and to effectively reduce it. This task is not possible only from University as the *provider* of knowledge. **Integrate means also to include practitioners and communities actively, not only as spectators of the scientific knowledge, but also as an actor responsible on the process.**
- Other sources of scientific knowledge need to be considered, contexts where research on the topic is carried out in the region, in the framework of consultations or through scientific but non-academic initiatives. Those contributions usually have to deal with **stakeholders demanding their applications, therefore giving a different approach to the research process.**
- WG initial questions are still valid (i.e): What new opportunities are available for learning from the co-production of knowledge to further enhance Integrated Research?

PROPOSED ACTIVITIES

To update permanently the research carried out in LAC

To explore the possibility to carry out the AIRDR in other regions

To continue the integration of ICoE's information to the map.

Networking with ICoE's and NC's, to take into account the different research projects and products that are already producing the centers in each country/region, taking the experience across borders to share knowledge and building bridges for science, policy and practice.

To participate in the VI Regional Platform for Disaster Risk Reduction in the Americas (June, 2018), and to contact Intergovernmental entities and specialized groups in the region to share the information.

DELIVERABLES

- AIRDR for Africa and Asia.
- Focal points in each region/ sub region for the permanent update of the information
- Updated web page and related research products
- Publications

SUPPORT NEEDED

- To include more members into the AIRDR Working Group
- AIRDR Workshop

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- Identify existing projects on DRR, taking into account the following Criteria
 1. Participation of various stakeholders during the formulation/execution of the project
 2. Inter / Transdisciplinary projects. Hazards, Vulnerability, Risk.
 3. Contributions on the generation of knowledge or sharing information on DRR.
 4. Enforcement of DRR capacities
 5. Applicability of results
 6. Public Policy linkage