

International Conference

Resilience in a Time of Uncertainty: Indigenous peoples and climate change

Co-organised by UNESCO and the National Museum of Natural History of France, in partnership with Tebtebba. With support from the French Ministry of Foreign Affairs, Sorbonne University, Sweden, the United Nations Development Programme (UNDP), Japanese funds-in-trust to UNESCO, National Research Agency of France and Conservation International.

AGENDA

DAY 1: 26 November 2015

Room 1, UNESCO, Paris

8:30 to 10:00 AM **Registration**, UNESCO, 125 rue Suffren, Paris 7eme, Metro Segur

10:00 to 11:00 AM **Opening Session**

Co-chairs: Rodion Sulyandziga (Udege), International Indigenous Peoples Forum on Climate Change for COP21 (IIPFCC) and Center for support of indigenous peoples of the North (CSIPN), Russian Federation, and Bruno David, Director, National Museum of Natural History, France.

- **Flavia Schlegel**, Assistant Director-General for the Natural Sciences, UNESCO
- **Cacique Raoni Metuktire** (*Kayapo*), Mato Grosso, Brazil
- **Victoria Tauli-Corpuz** (*Kankanay Igorot*), UN Special Rapporteur on the Rights of Indigenous Peoples

11:00 to 11:30 AM **Round Table – Resilience in a Time of Uncertainty**

Moderator: Marie Roué, National Scientific Research Centre/MNHN, France.

- **Nicolas Hulot**, Special Envoy for the Protection of the Planet, France
- **Hindou Oumarou** (*Mbororo*), IIPFCC and AFPAT, Chad

11:30 to 12:00 AM Coffee/tea

12:00 AM to 1:00 PM **Indigenous Peoples on Climate Change**

Co-chairs: Jennifer Rubis (*Dayak*), Climate Frontlines, UNESCO, and Arun Agrawal, School of Natural Resources and Environment, University of Michigan, USA

Climate change and food security of the Kankanay and Ibaloi peoples

Minnie DEGAWAN (*Kankanay*), Philippines

Climate change impacts and biocultural heritage-based responses: Enhancing resilience to climate change in the Potato Park

Lino Mamani (*Quechua*), Potato Park, Peru

Sailing The Canoe Back To The Future

Fuluna TIKOIDE LAIMAKOTU TUIMOCE (*Fijian*), Korova, Fiji

1:00 PM to 2:30 PM Lunch

2:30 PM to 3:45 PM - Plenary Session I

Co-chairs: Johnson Cerda (*Kichwa*), Conservation International and Charles McNeill, United Nations Development Programme (UNDP)

Indigenous Knowledge and Indigenous Peoples in Climate Change Assessments

Douglas NAKASHIMA and Jennifer RUBIS (*Dayak*), UNESCO

[new perspectives for IPCC's 6AR: focus on the local]

Valerie MASSON-DELMOTTE, Member of IPCC Bureau and Senior Scientist, Laboratoire des sciences du climat et de l'environnement, France

Cambios en el calendario wayuu: otros entendimientos del cambio climático

Yasmin ROMERO EPIAYU (*Wayuu*), Movimiento Fuerza de Mujeres Wayuu, Columbia

Mountain Resiliency Project (MRP)

Tsechu DOLMA (*Tibetan*), Mountain Resiliency Project, Tibet, China and Nepal

3:45 to 4:15 PM Coffee /tea

4:15 to 5:30 PM - Plenary Session II

Co-chairs: Gunn-Britt Retter (Sami), Head of Arctic and Environmental Unit, Saami Council, Norway, and Marie Roué, National Centre for Scientific Research /MNHN, France

Nyangatom people resilience in times of climate variability and change

Alemayehu Hailemichael MEZGEBE, Arba Minch University, Ethiopia

Observing Glacier Retreat through Indigenous Perspectives

Ben ORLOVE, Columbia University, USA

Observing and understanding the impacts of climate change

Sahana BOSE, Central University of Assam, Diphu, India

Overview of U.S. tribes Adaptation to Climate Change

Ann Marie CHISCHILLY (*Navajo/Dine*), Institute for Tribal Environmental Professionals, Northern Arizona University, USA

Day 2: 27 November 2015
Rooms II and IV, UNESCO

Parallel Sessions	
Room II	Room IV
<p>9:00 to 9:15 Co-chairs: Patrick Monfray, ANR, France and Minnie Degawan (<i>Kankanay</i>), Philippines</p> <p>Address by Ms. George Pau-Langevin, Ministre des Outre-Mer, France</p> <p>9:15 to 10:30 Parallel Session 1.1</p> <p>Knowing and Observing our Climate</p> <p>Cabañueleros: Local climate observer serving the poorest in the Dominican Republic Eduardo JULIA, Fundación Sur Futuro, Dominican Republic</p> <p>Seasonal forecasting in the Pacific: Combining Traditional Knowledge with modern scientific Knowledge - method to aid Adaptation Mike WAI-WAI (<i>Ni-vanuatu</i>), Senior Climatologist and Data Analyst and Archiver, Meteorological and Geo-Hazards Department, Vanuatu</p> <p>Siberian Reindeer Herders facing Climate change: observation and adaptation Alexandra LAVRILLIER CEARC, Université de Versailles Saint-Quentin-en-Yvelines, France, Semen GABYSHEV (<i>Evenk</i>), Russian Federation, Chantal CLAUD, Laboratoire de Météorologie Dynamique (LMD), Ecole Polytechnique, and Maxence ROJO, LMD, France.</p> <p>Impacts of climate change to the transhumance system and local adaptation measures in the Himalayas Suman ARYAL, University of Southern Queensland, Australia and Nepal</p>	<p>9:00 to 10:30 Parallel Session 1.2</p> <p>Impacts, Vulnerability and Response</p> <p>Co-chairs: Carla Roncoli, Emory University, USA and Estebancio Castro Diaz (<i>Kuna</i>), Panama.</p> <p>A Rapid Tipping Point in Himalayan Agroecological and Socio-cultural Responses to Climate Change Jan SALICK, Missouri Botanical Garden, USA</p> <p>Climate change, water resources and agriculture in eastern Nepal. Contrasted situations according to environments. Joëlle SMADJA, Centre national de la recherche scientifique (CNRS), France</p> <p>La tradition Polynésienne face au défi climatique Pascal Erhel HATUUKU (<i>Marquesan</i>), NGO MOTU HAKA, Iles Marquises, France</p> <p>Rising Above the Flood: Modifications in agricultural practices and livelihoods systems in Central Amazonia, perspectives from <i>ribeirinho</i> and indigenous communities Angela May STEWARD, Mamirauá Institute for Sustainable Development/Center for Sustainable Development - University of Brasília, Brazil</p> <p>African Dryland Peoples and Climate Change: A Knowledge Network for Conservancies Kathleen GALVIN, Colorado State University, USA</p>

10:30 to 11:00 Coffee/ tea

Room II	Room IV
<p>11:00 to 12:15 Parallel Session 2.1</p> <p>Knowing and Observing our Climate Co-chairs: Irene Bellier, CNRS-Ecole des Hautes Etudes en Sciences Sociales and Terence Hay-Edie, UNDP-SGP.</p> <p>Challenges and Good Practices on Borana Indigenous Weather Forecasting Service Desalegn Yayeh AYAL, Debre Berhan University, Ethiopia</p> <p>The sentinel role of forest dwellers. Eliciting local knowledge for the monitoring of climate change impact on tropical rainforests. Edmond DOUNIAS, IRD-CIFOR, France</p> <p>Indigenous knowledge of a changing climate: An ethnoecological perspective from Bolivian Amazonia Álvaro FERNÁNDEZ-LLAMAZARES, Universidad Autonoma de Barcelona, Spain & University of Helsinki, Finland</p> <p>Traditional Knowledge and Climate Adaptation Strategies: A case Study of Three Communities in Kenya Stephen Santamo MOIKO, Center for Sustainable Drylands Ecosystems and Societies, University of Nairobi, Kenya</p>	<p>11:00 to 12:15 Parallel Session 2.2</p> <p>Indigenous Peoples and Mitigation of Climate Change Co-chairs: Mina Setra (<i>Dayak</i>) AMAN Indonesia, and Sam Johnston, United Nations University.</p> <p>Address by HE Annika Markovic, Swedish Ambassador to UNESCO</p> <p>Mitigation and Indigenous Peoples; Indigenous Peoples Rights in Rokan Hilir, Indonesia Nukila EVANTY (<i>Rokan Hilir</i>), Institute for Strategic and Development Studies, Indonesia</p> <p>Le changement climatique, cadre d'une révolution intellectuelle nécessaire au bénéfice des peuples autochtones? Laurence BOUTINOT, CIRAD, International Research Centre, France</p> <p>[Haida and carbon offsets] Guujaaw (<i>Haida</i>), Skidegate Regional Representative, Council of the Haida Nation, Canada</p>

12:15 PM to 2:00 PM Lunch

Room II	Room IV
<p>2:00 PM to 3:15 PM Parallel Session 3.1.</p> <p>Securing Rights at the Global Level Co-chairs: Elizabeth Katushabe (<i>Bahima</i>) PENHA, Uganda and Serge Janicot, Sorbonne University.</p> <p>Tackling Climate Change: Development of Mitigation Policies With Indigenous Voices Brenda GUNN (<i>Metis Nation</i>), Faculty of Law, University of Manitoba, Canada</p>	<p>2:00 PM to 3:15 PM Parallel Session 3.2.</p> <p>Bridging Ontologies and Knowledge Systems Co-chairs: Catherine Larrere, Université Paris 1, France and Candido Mezua (<i>Embera</i>), COONAPIP.</p> <p>Sacred Water & Sustainable Huni Kuin Cooperative Fabiano MAIA SALES (<i>Huni Kuin/Kaxinawa</i>), Acre, Brazil</p>

<p>Guidelines for Considering Traditional Knowledges (TKs) in Climate Change Adaptation Preston HARDISON, Tulalip Tribes, Washington State, USA</p> <p>Navigating agency in the diaspora due to forced migration secondary to Sea Level Rise Lesley IAUKEA (<i>Kanaka Maoli</i>), University of Hawaii Manoa, Maui, USA</p> <p>Pathways to Resilience on Multiple Scales Logan A. HENNESSY, San Francisco State University, USA</p>	<p>La perception du changement Climatique par la population Kanak en Nouvelle-Calédonie Annamaria LAMMEL, Université Paris 8, France</p> <p>Ontologie samie de la variabilité et du changement climatique Marie Roué, Director of Research, CNRS/MNHN, and Samuel Roturier, AgroParistech/ESEE, France</p> <p>The Political Ontology of Climate Justice and Indigenous Knowledge Anders BURMAN, Lund University, Human Ecology Division, Department of Human Geography, Sweden</p>
--	---

3:15 PM to 3:45 PM Coffee/ tea

Room II	Room IV
<p>3:45 PM to 5:00 PM Parallel Session 4.1.</p> <p>Traditional Knowledge and Institutions as sources of Resilience Co-chairs: Ben Orlove, Columbia University, USA, and Jean-Patrick Le Duc, MNHN, France.</p> <p>The Kghyemba System among Loba Indigenous People of LoManthang: An Indigenous Institution amid the Traditional and Livelihood Tunga Bhadra RAI (<i>Rai</i>), Nepal Federation of Indigenous Nationalities NEFIN, Climate Change Partnership Program, Nepal</p> <p>L'autochtonie comme facteur de résilience « socio-climatique » : une illustration par le cas des Berbères du haut-Atlas marocain Adil ROUMANE, Université de Versailles Saint-Quentin-en-Yvelines, France</p> <p>Implementación de RIA en la Reserva Comunal Amarakaeri en el marco de la Cogestión con SERNANP Fermín CHIMATANI TAYORI (<i>Amarakaeri</i>), Ejecutor del Contrato de Administración de la Reserva Comunal Amarakaeri (ECA-RCA), Peru</p>	<p>3:45 PM to 5:00 PM Parallel Session 4.2.</p> <p>Creating Options for Tomorrow Co-chairs: Gilles Boeuf, MNHN, France and Marie Josee Artist (<i>Kali'na</i>) Association of Indigenous Village Leaders, Suriname.</p> <p>E Toe Sa'saa le Fafao, Return to Paradise Carinnya Malelega FEAUNATI (<i>Samoan</i>), Victoria University of Wellington, New Zealand</p> <p>Climate Resilience, Indigenous Youth and Local Economies in a Changing Arctic: New Tools for Arctic Indigenous Peoples Gunn-Britt Retter (<i>Sami</i>), Head of Arctic and Environmental Unit, Saami Council, Norway, in collaboration with Anders OSKAL, Mikhail Pogodaev, Alona Gerasimova, Svein D. Mathiesen, Helena Omma, Johan Mathis Turi, Anna Degteva, Svetlana Avelova and Ravdna BM Eira.</p> <p>Conversations about Climate with Indigenous Peoples: Why it's About Integrating Western Science into Traditional Knowledge Systems and Not the Other Way Around Mervyn TANO (<i>Hawaiian</i>), International Institute for Indigenous Resource Management, USA</p>

Room II

5:00 to 6:00 PM - **Closing Plenary Session**

Co-chairs: Victoria Tauli-Corpuz (*Kankanay Igorot*), UN Special Rapporteur on the Rights of Indigenous Peoples and Hindou Oumarou (Mbororo), IIPFCC and AFPAT, Chad.

- **Diego Pacheco**, Viceministro de Planificación y Coordinación , Ministerio de Planificación del Desarrollo, Bolivia
- **Irina Bokova**, Director General, UNESCO
- **Hakima El Haite**, Ministre déléguée auprès du ministre de l'Energie, des mines, de l'eau et de l'environnement, chargée de l'environnement

Side-events (12:30 to 2:00 PM), 27 November 2015):

1. **Firing up for Climate – Traditional Fire Management Tackling Climate Change (Organized by: The Kimberley Land Council, Tebtebba and UNU) (Room II)**

Nolan Hunter, Kimberley Land Council *Cultural Conservation Economies: A new picture for Indigenous Livelihoods*

Ari Gorring, Kimberley Land Council *Traditional fire management: Indigenous people leading climate mitigation*

Sam Johnston, United Nations University *The global potential of indigenous fire management: how ancient practice is contributing to emissions reductions, biodiversity and sustainable development worldwide*

Emily Gerrard, Allens, Australia *Non-state partner engagement: benefits beyond carbon. Private sector involvement in biodiversity, cultural and carbon projects*

Vicky Tauli-Corpuz, UN Special Rapporteur on the Rights of Indigenous Peoples, *Traditional Fire Management helping Indigenous People Promote Respect for their Rights in International Diplomacy*

2. **Connecting diverse knowledge systems for resilience in mountain and forest biocultural systems (Room IV)**

Pernilla Malmer, SwedBio at Stockholm Resilience Centre, Sweden: *Equity and reciprocity creates synergies across knowledge systems: the Multiple Evidence Base approach*

Alejandro Argumedo, ANDES, Peru: *The Walking Workshop methodology and the International Network of Mountain Indigenous Peoples (INMIP)*

Florence Daguitan, Tebtebba Foundation, Philippines *Rice Culture Innovations through mobilization of traditional knowledge.*

Prasert Trakansuphakon, PASD, Thailand: *Rotational Farming in Northern Thailand. Traditional Governance and Management Systems' Contribution to Food Security, Biocultural Diversity and Carbon Sequestration.*

Krystyna Swiderska, IIED: *Summary of the outcomes of the recent INMIP learning exchange in Tajikistan: Climate change impacts and biocultural heritage-based responses; the Tuggoz Declaration and recommendations for COP21 negotiators.*