

INTEGRATION OF INDIGENOUS KNOWLEDGE IN ADDRESSING CLIMATE

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[Integration Of Indigenous Knowledge In Addressing Climate](#)

Indian Journal of Traditional Knowledge Vol. 1 (1), January 2015, pp. 20-27 Integration of Indigenous knowledge in addressing climate change Tarit Kumar Baul*1 & Morag McDonald2 1Institute of Forestry and Environmental Sciences, University of Chittagong, Bangladesh; 2School of Environment, Natural Resources and Geography, Bangor University, UK E-mails: tarit@ifescu.ac.bd; m.mcdonald@bangor.ac.uk

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Analyses of both Indigenous farmers' perceptions and meteorological data showed an increase of temperature with longer summers and warmer and shorter winter during the period of 1982-2007. There was a decreasing trend of rainfall over the years in an erratic and unpredictable manner. Water shortage, disease and pest infestation in crops and soil fertility loss are seen as major climate risks ...

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A recent paper by Cuthbert Casey Makondo and David S.G. Thomas of the University of Oxford argues that the integration of indigenous communities' knowledge with scientific knowledge may have the potential for development of more sustainable and effective climate change adaptation plans. Through a review of indigenous communities' adaptation strategies in sub-Saharan Africa, the paper attempts to achieve two goals: first, to enhance the reader's understanding of these ...

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UNESCO's Local and Indigenous Knowledge Systems programme (LINKS) promotes local and indigenous knowledge and its inclusion in global climate science and policy processes. Working at local, national and global levels, LINKS strives to strengthen indigenous peoples and local communities, foster transdisciplinary engagements with scientists and policy-makers and pilot novel methodologies to further understandings of climate change impacts, adaptation and mitigation.

[INTEGRATION OF INDIGENOUS KNOWLEDGE WITH ICTs IN COPING ...](#)

Researchers have documented that observations of climate change impacts reported by indigenous peoples and local communities coincide with scientific measurements of such impacts. However, insights from indigenous and local knowledge are not yet completely included in international climate change research and policy fora. In this article, we compare observations of climate change impacts ...

[Integrating local knowledge for climate change adaptation ...](#)

Integration of Indigenous knowledge in addressing climate ch... Integration of Indigenous knowledge in addressing climate change. Research output: Contribution to journal › Article. Overview; Cite M.A. McDonald. T.K. Baul. M. McDonald. Household survey, focus group discussions, participatory rural appraisal (PRA) tools, viz, trend analyses for temperature, rainfall intensity and farming ...

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Indigenous peoples' knowledge and experiences in water stewardship or governance should be integrated in dominant climate policies, at international, national, and local levels. This also includes bridging the gap between traditional and scientific knowledge to make contributions from indigenous peoples to climate action more visible. Indigenous groups and local communities are custodians of many of the world's most fragile and important ecosystems, hence indigenous knowledge and customs ...

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At the launch, the publication's co-editors, CTA's Dr Oluyede Ajayi, Senior Programme Coordinator and Professor Mafongoya, at the University of KwaZulu Natal in South Africa, explained the importance of documenting knowledge accumulated by generations of indigenous people to effectively address the climate challenges faced by smallholder farmers in ACP regions.

[CLIMATE CHANGE: INTEGRATING INDIGENOUS AND LOCAL KNOWLEDGE ...](#)

The LCIPP, through facilitating exchange of experiences and engagement, strives to strengthen the knowledge, technologies, practices, and efforts of local communities and indigenous peoples in relation to addressing and responding to climate change. This policy brief offers an overview of these developments, with key recommendations for how to continue to advance the integration of indigenous ...

[FEATURE: Indigenous knowledge key in promoting climate ...](#)

When it comes to state action on climate change, there is perhaps no better exemplar than Bolivia. After all, the plurinational state has integrated indigenous traditional knowledge (ITK) into its climate mitigation and adaptation process. Get Rid of Ads. Support us on Patreon! However, the state of Bolivia is far from alone in its climate [...]

[Indigenous Knowledge and Practice for Climate Change ...](#)

Webinar: Integrating indigenous knowledge with scientific weather and climate information; Webinar: Integrating indigenous knowledge with scientific weather and climate information . Official website of the Global Framework for Climate Services @WMO | Gfcs. Event Tabs. Summary. Dates: Tuesday, April 12, 2016. Location: Geneva . Switzerland. CH . A learning event on integrating weather and ...

[20 May Indigenous knowledge critical to addressing climate ...](#)

Integration of Indigenous knowledge in addressing climate change: Authors: Baul, Tarit Kumar McDonald, Morag; Keywords: Climate risk;Farmers;Livelihood;Soil fertility;Vulnerable;Water shortage;Middle-hills: Issue Date: Jan-2015: Publisher: NISCAIR-CSIR, India: IPC Code: Int. Cl. 8: E04H 9/16, A01B, A01B 77/00, E02F, A01G 31/00, C02: Abstract:

[How to integrate Indigenous Peoples' culture and ...](#)

Integrating mitigation and adaptation into climate change concerns is not a completely new idea in the African Sahel where the local populations in this region, through their indigenous knowledge systems, have developed and implemented extensive mitigation and adaptation strategies that have enabled them to reduce their vulnerability to past climate variability and change. However, this ...

[\(PDF\) Integration of indigenous and scientific knowledge ...](#)

However, scholarly literature on how the indigenous people of the Global South are experiencing, adapting, and mitigating the effects of climate change has been scant. As a consequence, indigenous knowledge about climate change has been shunted to the periphery, particularly in policy-making initiatives and platforms such as the United Nations.

[Indigenous knowledge systems in sustainable water ...](#)

HONOLULU – Climate change science, indigenous knowledge, science communications and the need for true diversity in STEM are among the key issues to be addressed at 2019 SACNAS – The National Diversity in STEM Conference, which will converge on the Hawai'i Convention Center from October 31 to November 2, 2019. The event hosted by SACNAS (Society for Advancement of Chicanos/Hispanics ...

[Integrating the traditional knowledge of Indigenous ...](#)

We argue that multi-scalar negotiations, blended knowledge and power-sharing structures are all necessary to include indigenous communities as valuable partners in climate change mitigation, and we suggest strategies and recommendations for actively accomplishing this inclusion. Examples from recent literature about the inclusion of indigenous communities in different sectors, are used to illustrate and provide evidence of the current problematic and the need for collaborative solutions ...

[Integrating indigenous knowledge systems, climate change ...](#)

Knowledge: the platform promotes the exchange of experience and best practices with a view to applying, strengthening, protecting and preserving traditional knowledge, knowledge of indigenous peoples and local knowledge systems, as well as technologies, practices and efforts of local communities and indigenous peoples related to addressing and responding to climate change, taking into account ...

[Indigenous knowledge – ancient solutions to today's ...](#)

In recent years, the Canadian government has strengthened its commitment to fighting the ongoing climate crisis. And while this has involved increased consultations with diverse knowledge-holders across the country, a recent study from the University of Victoria has shown that policymakers may be missing out on a crucial source of environmental expertise: Indigenous knowledge that has been ...

[Indigenous People's Traditional Knowledge Must Be ...](#)

We also need to continue building the linkages between climate and migration communities of practice in order to address the migration, climate change and indigenous people nexus comprehensively ...

[Webinar: Integrating indigenous knowledge with scientific ...](#)

Further measures, including community-based projects, should be integrated into climate change responses. Studies show that indigenous knowledge can also contribute significantly to climate change mitigation and adaptation. The Paris Agreement that was adopted in 2015 also recognises that indigenous knowledge has a role to play in addressing the problem of climate change. Effective use of indigenous knowledge entails the existence of appropriate legal regimes, to back up its application ...

[Fact sheet. Project: The role of Indigenous knowledge in ...](#)

This interactive discussion will provide examples and opportunities for tribal climate partnerships and resources across Indian Country, which includes BIA Tribal Resiliency funding, climate science tools, tribal engagement, and the integration of Indigenous Knowledge into the Western Science approaches to climate adaptation.

[Integrating indigenous knowledge with conventional science ...](#)

Canada can do that by integrating Indigenous knowledge and social capital in our climate policy framework. Dec 2, 2019 . 4 min read. By Mylène Ratelle, University of Waterloo, and Francis Paquette, Université de Montréal. This year, a Canada experienced record-breaking temperatures across the nation, with a larger increase above normal temperatures in the north than in the south. Canada's ...

[Submission of the International Indigenous Peoples' Forum ...](#)

In order to address these challenges, the United Nations Framework Convention on Climate Change (UNFCCC) officially established the 'Local Communities and Indigenous Peoples Platform,' which aims to enhance and facilitate the inclusion of Indigenous Peoples within climate change policymaking at an international level, such as through promoting their engagement and knowledge integration ...

[Climate change adaptation - Wikipedia](#)

Presented by: Hindou Oumarou Ibrahim 4.3 Addressing gender and other guiding principles of NAPs The session will discuss best practices and approaches for strengthening gender considerations and the use of indigenous and traditional knowledge in adaptation which are part of the guiding principles for the formulation and implementation of NAPs.

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