Ecosystems for Adaptation and Disaster Risk Reduction

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Weekly news on ecosystems-based risk reduction and climate change adaptation

#### **Featured Training**

# International Institute of Rural Reconstruction (IRR) –

Giving an overview of climate change adaptation and mitigation, this introductory course focuses on practical options for communities, helping participants to facilitate community adaptation planning and participatory climate vulnerability assessments. Read more.



#### **Job Vacancy**

CEC Programme Officer – International Union for Conservation of Nature (IUCN)

**Source**: Global Communications Unit, IUCN **Functional Title**: Commission on Education and Communication (CEC) Programme

Officer, P2

Office: Gland, Switzerland Closing Date: 1 October, 2014

Terms of Reference on PEDRR's LinkedIn

#### **Featured Publication**

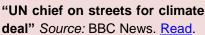
"Downstream Voices"
Fred Pearce & Wetlands International



'Downstream Voices' shows how improving the management of wetlands has helped to reduce water-related disaster risks on a variety of scales, from village level up to the level of the watershed. "Few people realise the extent to which increased risk is caused or exacerbated by mismanagement of land and water resources", says author Fred Pearce. One of the experiences described in the book illustrates how villagers now collaborate to re-vegetate river banks, align cropping patterns with floods, and desilt the river mouth, working with the ecosystem to reduce risk exposure. Read more



#### **Trending this week**





#### **Scientific Corner**

### The Effectiveness of Coral Reefs for Coastal Hazard Risk Reduction and Adaptation

Analysing the role and cost-effectiveness of coral reefs in risk reduction, this global study reveals that coral reefs provide substantial protection against natural hazards. Indeed, Ferrario et al., show that reefs reduce wave energy by an average of 97%, with the crest alone dissipating 86% of this energy. The research shows that wave attenuation benefits are therefore comparable with artificial barriers such as breakwaters, and that enhancing reef defences is a cost effective measure for hazard mitigation. 100 million or more people benefit from risk reduction by coral reefs, highlighting the impact of action or, indeed, inaction.

*Authors:* Ferrario, F., Beck, M.W., Storlazzi, C.D., Micheli, F., Shepard, C.C. and Airoldi, L. Read more.



## PEDRR SHOUTOUT: Post-2015 Framework for DRR – Special Issue



Prepared as an input for the  $5^{th}$  International Disaster and Risk Conference 2014, this special issue aims to influence the Post-2015 agenda. The issue takes stock of latest advances on all phases of DRR as well as identifying gaps in our knowledge for further research or policy improvement. Read more.



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