

# Climate risk assessment and mitigation approaches: experiences from ANADIA Niger and other initiatives

*3<sup>rd</sup> International UICCA Conference  
Urban Impact of Climate Change in Africa*

Friday 11<sup>th</sup> March 2016, 9:00 a.m. - 3:00 p.m.  
Politecnico di Torino, Castello del Valentino, Viale Mattioli 39 – Torino, Italy



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## ***UICCA<sup>3</sup> Climate risk assessment and mitigation approaches:***

### ***experiences from ANADIA Niger and other initiatives***

Decentralization in Tropical Africa puts decision-making in adaptation and risk reduction in the hands of those who are directly experiencing climate change and disasters. Local plans are multiplying at municipal and village scale. Nevertheless, these tools, built on local/indigenous knowledge only, have still several limits: climate trends are not considered, measures priority in case of multi-risk (as drought and flood) are badly developed, expected effects of measures implementation are rarely known. As a consequence, plans implementation has little impact in creating safer communities.

Scientific-technical knowledge and tools have proven to be effective in enabling local decision-makers to make better informed decisions. Climate services (WMO), risk assessment and mapping tools as well as monitoring and early warning systems provide appropriate information for risk reduction and adaptation but are not widely applied at local scale.

ANADIA-Niger Project (2013-2015) has invested in strengthening capacities in supplying climate services and developing climate risk analysis and evaluation locally.

**UICCA<sup>3</sup>** aims to present, compare and discuss the outcomes attended so far with other experiences having integrated local and technical knowledge for a better comprehension of climate risks in the Tropics.

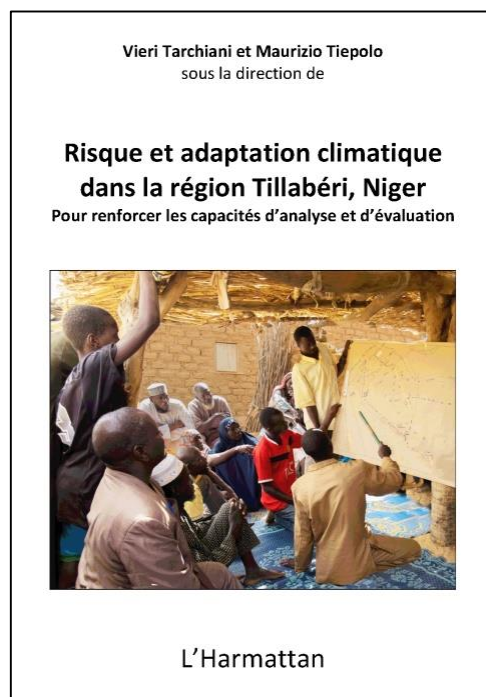
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#### ***The ANADIA Niger project***

ANADIA Niger is a training, research for development project funded by the Italian Ministry of Foreign Affairs and implemented by IBIMET-CNR in collaboration with the DIST (University and Politecnico of Turin) and the National Meteorological Service of Niger.

The specific objective of ANADIA Niger is "Strengthening the capacity of stakeholders at national, regional and local level to mainstream climate change adaptation and disaster risk reduction, particularly floods and drought, in the territorial planning processes at different administrative levels".



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#### ***Key dates***

***Title submission:*** 22th January 2016

***Abstract submission:*** 1st March 2016

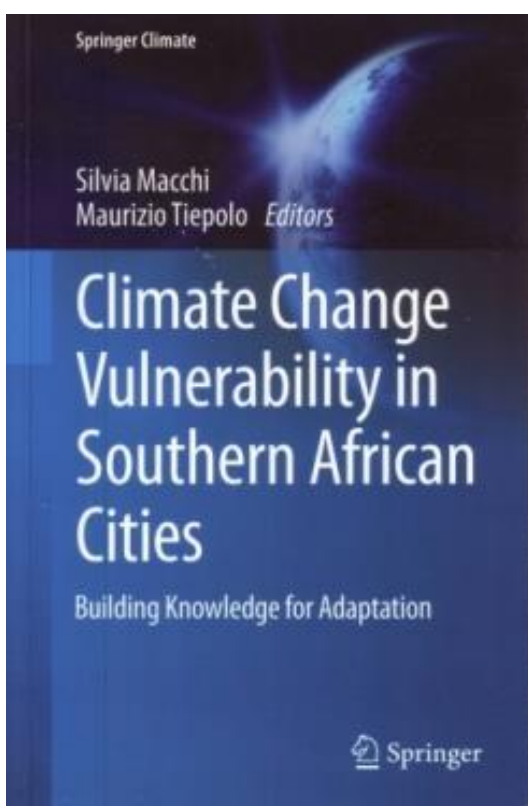
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## UICCA

### Urban impact of climate change in Africa

The first UICCA international conference (Turin, November 2011), jointly organized by DIST-Politecnico di Torino and the Provincial administration of Turin, focused on urban impact of climate change South of the Sahara, a sub-continent increasingly hit by hydro-climatic disasters. Papers focused on vulnerability analysis and hydro-climatic risk.

A selection of papers has been edited for Springer international in 2014

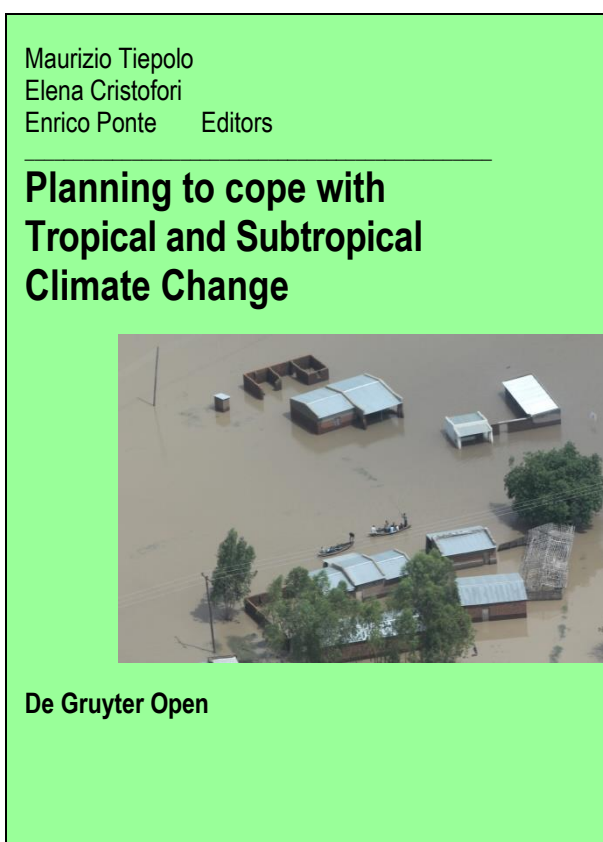


## UICCA<sup>2</sup>

### Planning with Scant Information

The second UICCA international conference (Turin, November 2013), organized by the DIST-Politecnico and University of Turin, the Sapienza University of Rome and the Provincial administration of Turin focused on two key themes for action: the knowledge of environmental risks and planning for risk reduction.

Papers has been edited for De Gruyter Open in 2016



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### Organizing committee

General chair	Maurizio TIEPOLO, DIST Politecnico di Torino
Program chairs	Vieri TARCHIANI, IBIMET CNR Florence
	Alessandro PEZZOLI, DIST Politecnico e Università di Torino
Secretariat	Elena CRISTOFORI, Noemi GIRAUDO Politecnico di Torino

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