



climate impacts: global and regional adaptation support platform

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COP15
COPENHAGEN
UN CLIMATE CHANGE CONFERENCE 2009

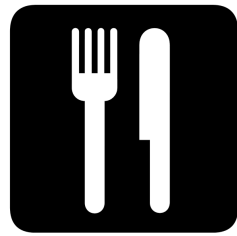
Funded by



Federal Ministry for the
Environment, Nature Conservation
and Nuclear Safety

The challenges

No knowledge problem, but an information problem –
simple collection of information is not sufficient!

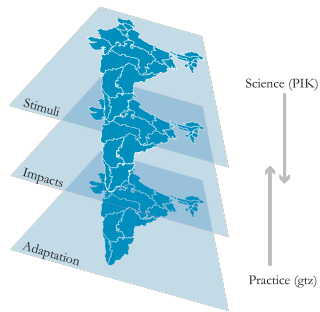


Interpreting complex knowledge in a suitable way –
tailor made descriptions, identifying hot spots &
adaptation needs

Reconcile mitigation, adaptation and sustainable
development – solutions, where, and when?

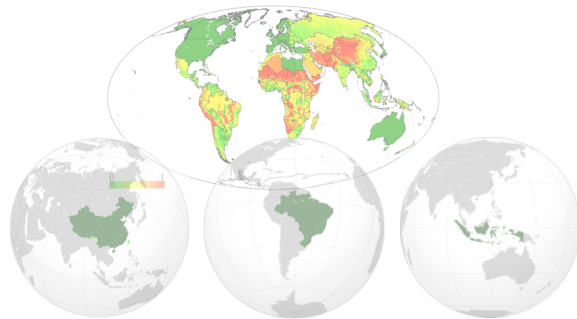
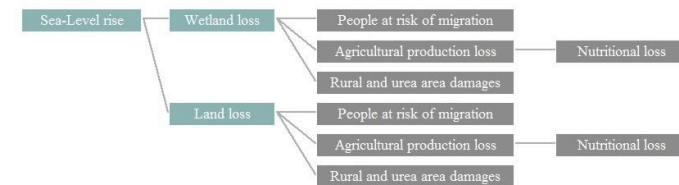


The essentials



Combination of top-down and bottom-up expertise
(science & practice)!

Connecting climatic stimuli, sectoral/regional impacts, and solutions via impact chains!

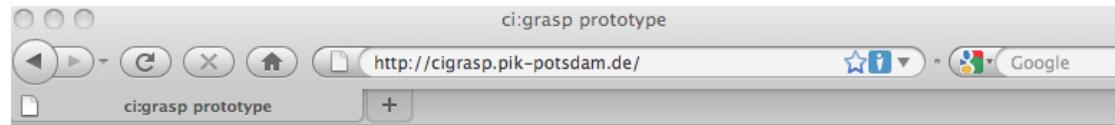


Provision of comparable impact analyses –
national & sub-national, climate risk indexes!

Taxonomic classification of adaptation measures
development of a transferability measures!



ci:grasp home



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climate impacts: global & regional adaptation support platform

home about stimuli impacts adaptations world map contribute glossary

about

what is cigrasp

ci:grasp performs as a climate information service and provides sound knowledge on current and projected climate stimuli, climate impacts and adaptation options at the national, sub-national and regional level.

:: [Read more](#)



news

good to know

11:48, 2009/12/03

[COP15 flyer, side event outline, side event schedule http](#)

11:43, 2009/12/03

[Update](#)

17:58, 2009/11/19

[The ci-grasp side event at COP15](#)

12:45, 2009/09/10

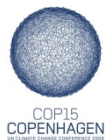
[Adaptation Learning Mechanism website relaunched this week](#)

15:08, 2009/09/04

[Climate Change Conference COP15 is on the way](#)

contribute

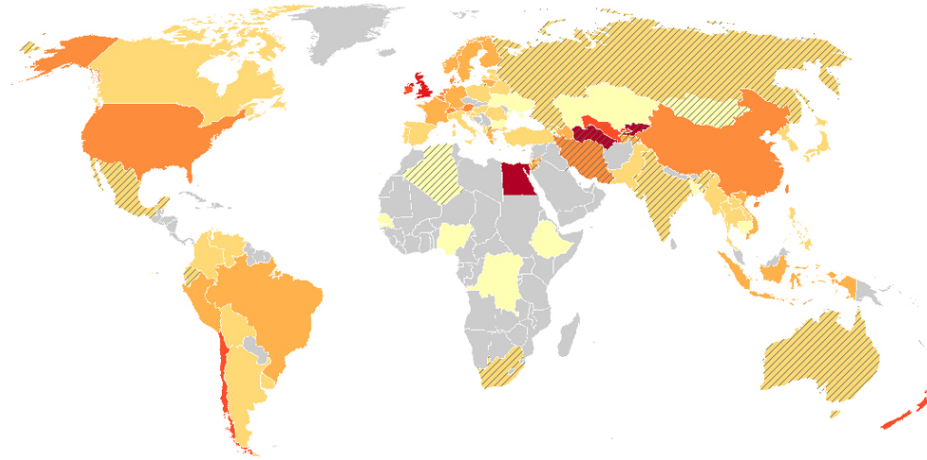
share your knowledge



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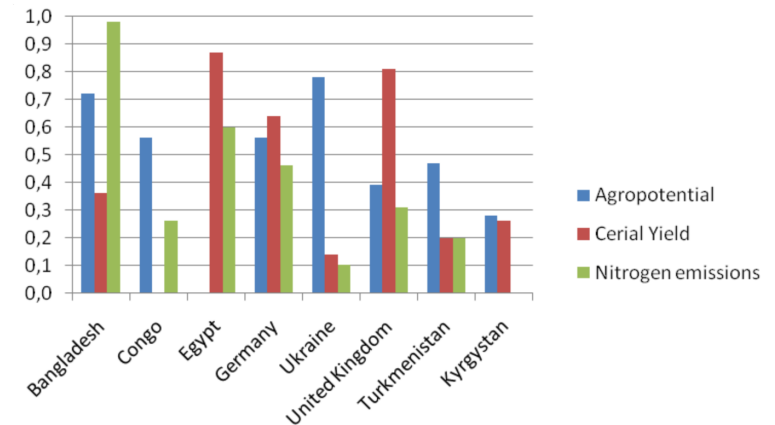
How efficient are *Decision-Making Units*?

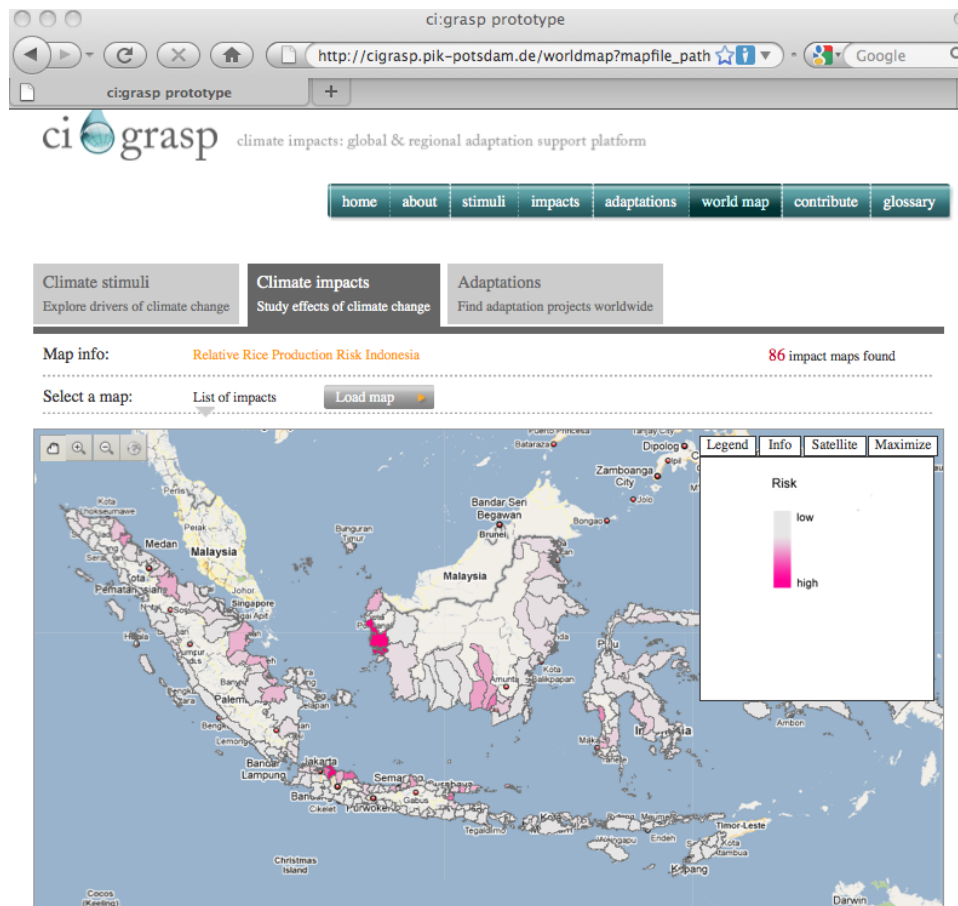


Countries' agro-sector with regard to sector-based nitrous oxide emissions, agro-potential, and cereal yield

- Multi-dimensional efficiency assessment
- Consideration of compensatory elements
- Identification of *hot spots* for adaptation

Bad, good governance, or superimposed?






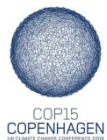
Risk on sub-national level

- Rice area harvested
- Rice needs on regency level
- Rice area lost (1m SLR)
- Rice production lost (1m SLR)



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...the general, the detail and beyond... ci  grasp



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Summary

- share knowledge and be part of a growing knowledge pool on climate related knowledge & solutions
- newly derived, target-oriented, comparable & transferable scientific knowledge on a sub-national scale
- Analyses along impact chains as the major structuring element
- Regionalized & integrated climate risk indices, transferability measures for adaptation strategies
- standard and web 2.0 technologies allowing easy and fast access on various levels



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The ci:grasp team

North-South Group at PIK: J. Kropp (head NSG, physicist), L. Costa (environmental engineer), H. Förster (economist), T. Lissner (geographer), N. Lux (admin, geographer, media), M. Moneo-Lain (environmental scientist), I. Niemeyer (economist), C. Pape (mathematician), P. Pradhan (agricultural engineer), T. Sterzel (geographer), V. Tekken (geographer), T. Weiss (information scientist), M. Wrobel (information scientist)

www.pik-potsdam.de/nsp/



Source: (c) Stefano C. Picco

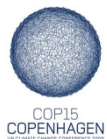
Climate Task Force at GTZ: J.-P. Schemmel (head CTF, political scientist), G. Rappold (hydrologist), M. Scholze (geographer)

Current focal countries and cooperations: China, Chile, Brazil, India, Indonesia, Philippines, Peru, South-Africa, Tunisia

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Thank you for your attention!



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