



World Meteorological Organization

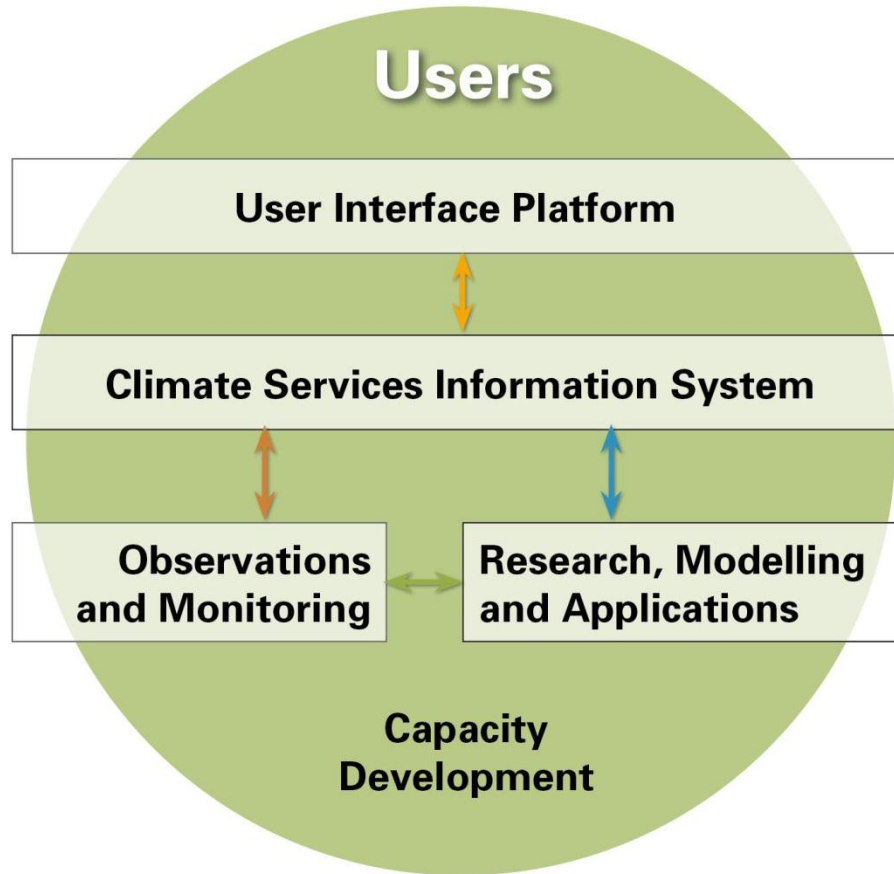
Weather • Climate • Water

Internationale Unterstützung von Kommunen im Rahmen von GFCS

Offenbach, 26 Juni 2014

Tamara Avellán

GFCS – Global Framework for Climate Services



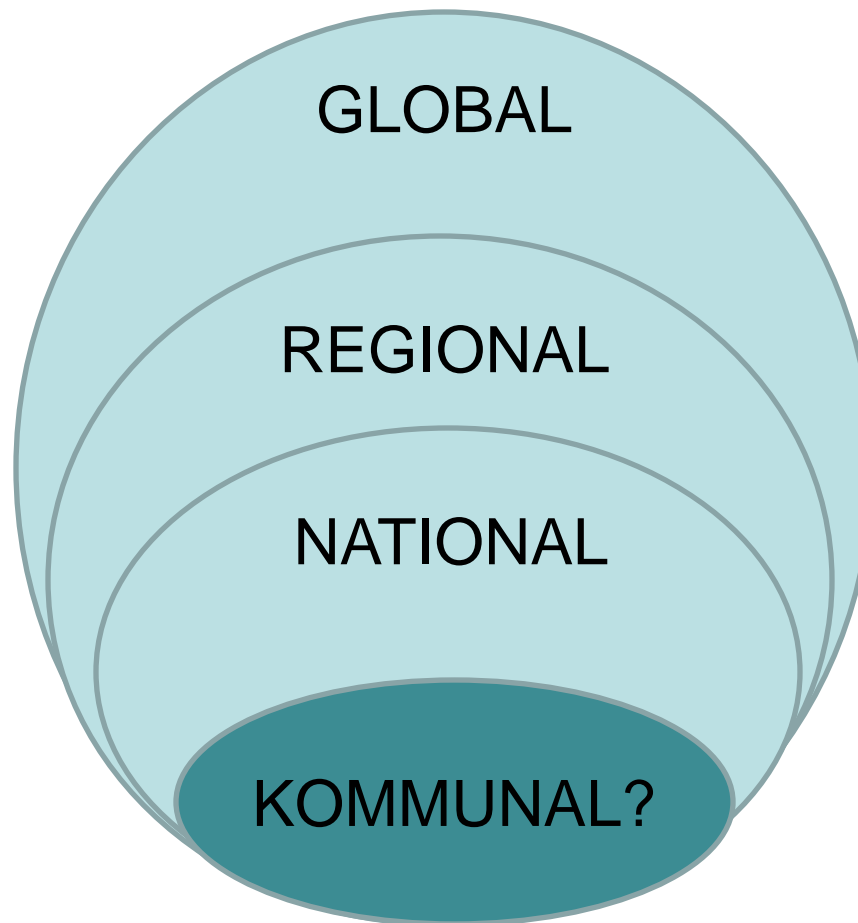
Klimadienstleistung

Die Bereitstellung von Klima-
informationen in einer Art und
Weise, welche die
Entscheidungen von
Einzelpersonen oder
Organisationen unterstützen.



Photo Credits: NASA, Pedro Sanchez, Renzo Taddei

Handlungsebenen



Prioritäten



Landwirtschaft



Katastrophen
schutz



Gesundheit



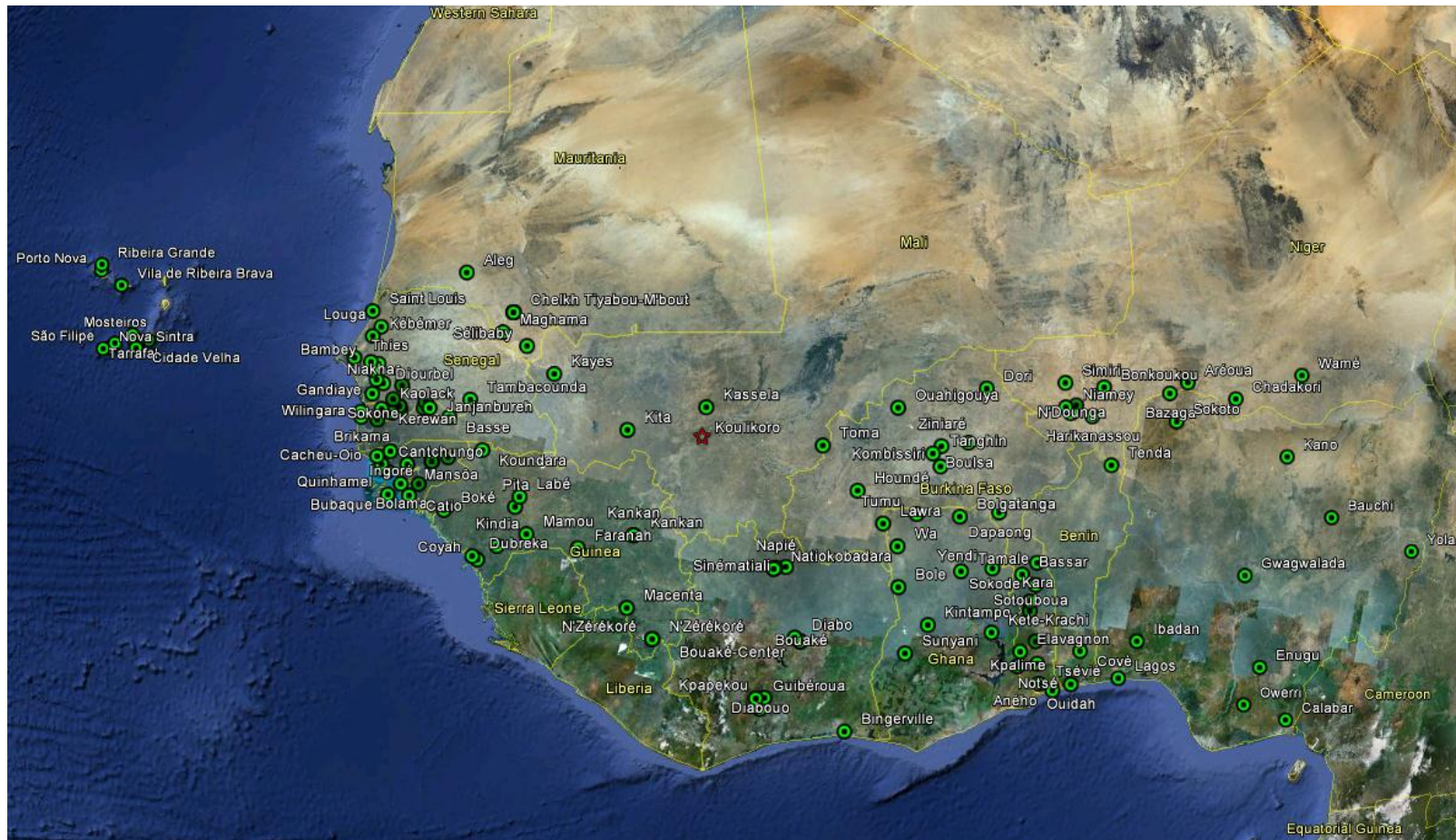
Wasser



Early Warning - Early Action



Metagri-OPS, Wiederkehrende Seminare



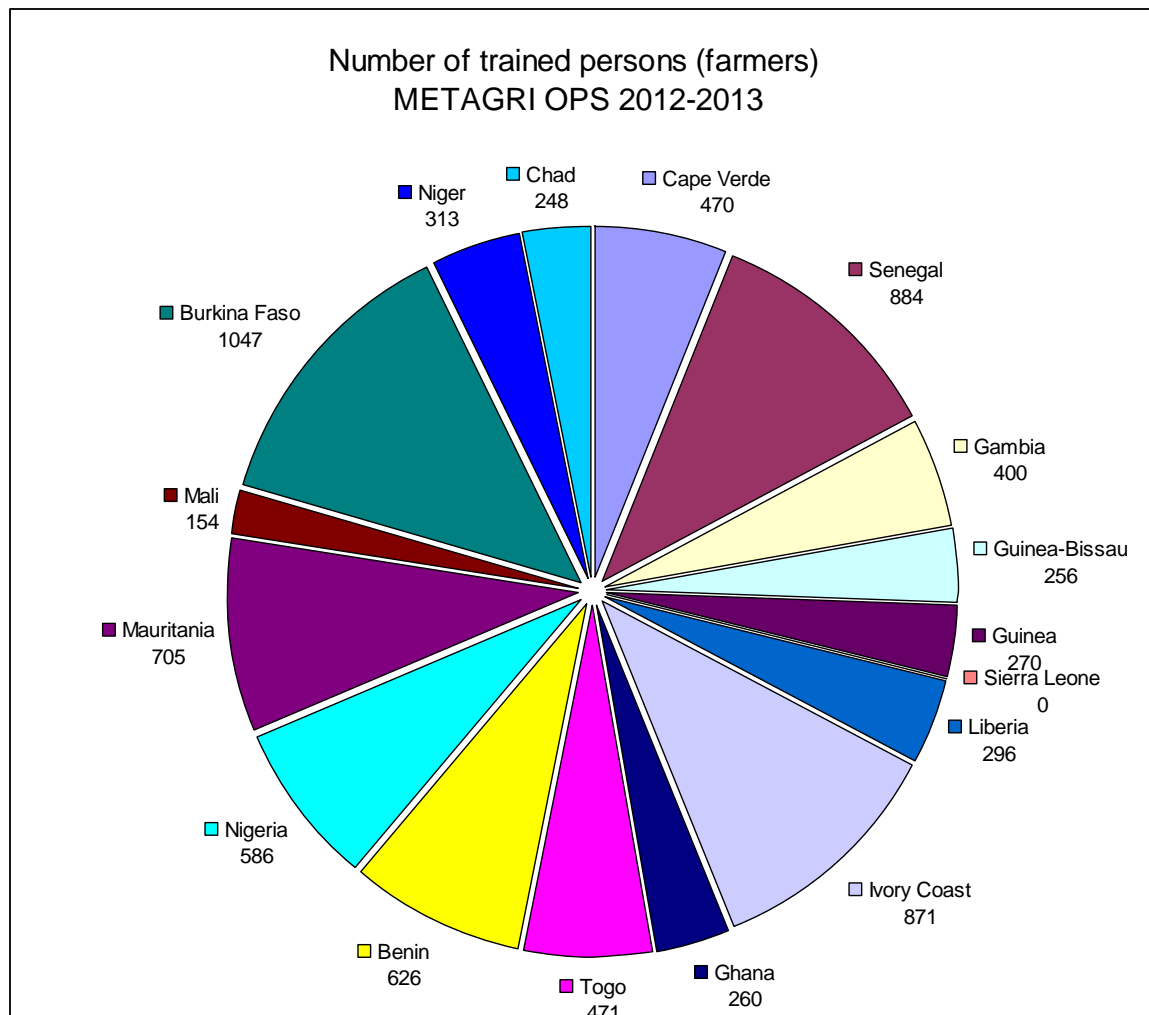
159 Seminare in West Africa zwischen 2009-2012



Metagri-OPS, Wiederkehrende Seminare



7337 Bauern



Climate Field Schools

Stages of CFS

**Target: Agricultural officers
(regency level)**

Function:

- Translating climate information
- Designing dissemination format
- Providing simple technology to simulate and observe climate variability

Source: BMKG Indonesia

BMKG's Monthly rainfall prediction



Target: Farmers

Function:

- Communicating CFS knowledge to farmers' household
- Transferring CFS knowledge to other farmers



Prioritäten



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Wasser



Building Resilience to disasters in the Western Balkans and Turkey

Gefährdete Standorte finden

FOCUS AREAS

BUILD CAPACITIES FOR DISASTER RESILIENCE

SHARE KNOWLEDGE ON HOW TO REDUCE RISKS

TRANSFER DISASTER RISKS

COMMUNITY-BASED RESILIENCE

HAZARDOUS PHENOMENA FORECASTING

CLIMATE RISK MANAGEMENT AND CLIMATE CHANGE ADAPTATION

MULTI-HAZARD EARLY WARNING SYSTEM

Verluste aufzeichnen

KARTA RIZIKA OD POPLAVA ZA VELIKU VJEROJATNOST POJAVLJIVANJA

TUMAČ OZNAKA
Koristište zemljišta smetar poplavnog područja
naseljeno područje
planirano građevničko područje
područje gospodarske namjene
intenzivna poljoprivreda
ostala poljoprivreda
šuma i visoka vegetacija
močvare i osušena vegetacija

Sinak - CROATIA Flood - 20/02/2014 Disaster Map - Copernicus

Geographic Information
Scale: 1:8000
Map Information:
Data Sources:
Disclaimer:
Copernicus logo



Frühwarnsysteme für Fischerleute am Viktoriasee



2012 hatten sich 1000 Fischerleute für die App registriert



Frühwarnsysteme für Farmer in Uganda



Community Knowledge Workers unterstützen die Arbeit Uganda Met Departments durch die Grameen Foundation AppLab



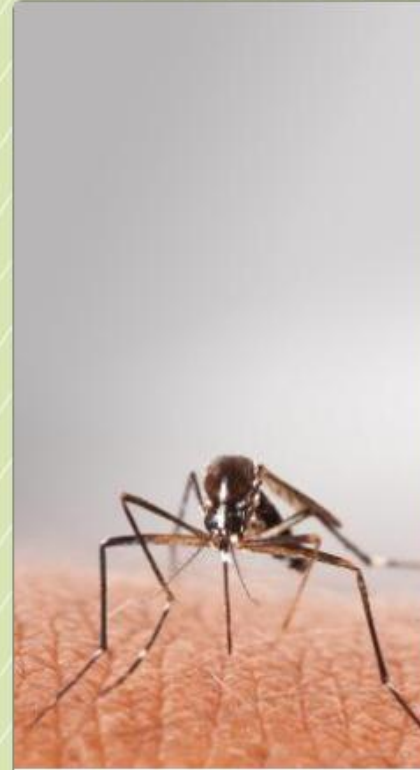
Prioritäten



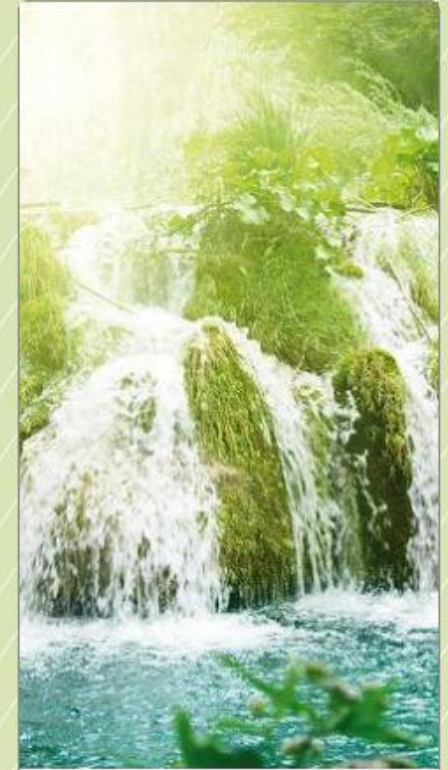
Landwirtschaft



Katastrophen
schutz



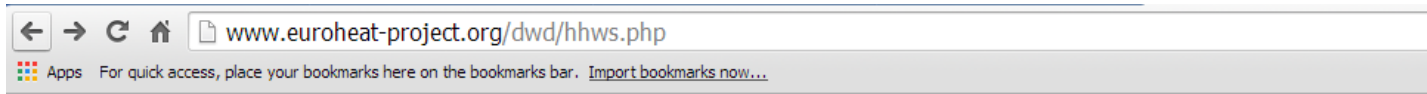
Gesundheit





Wasser

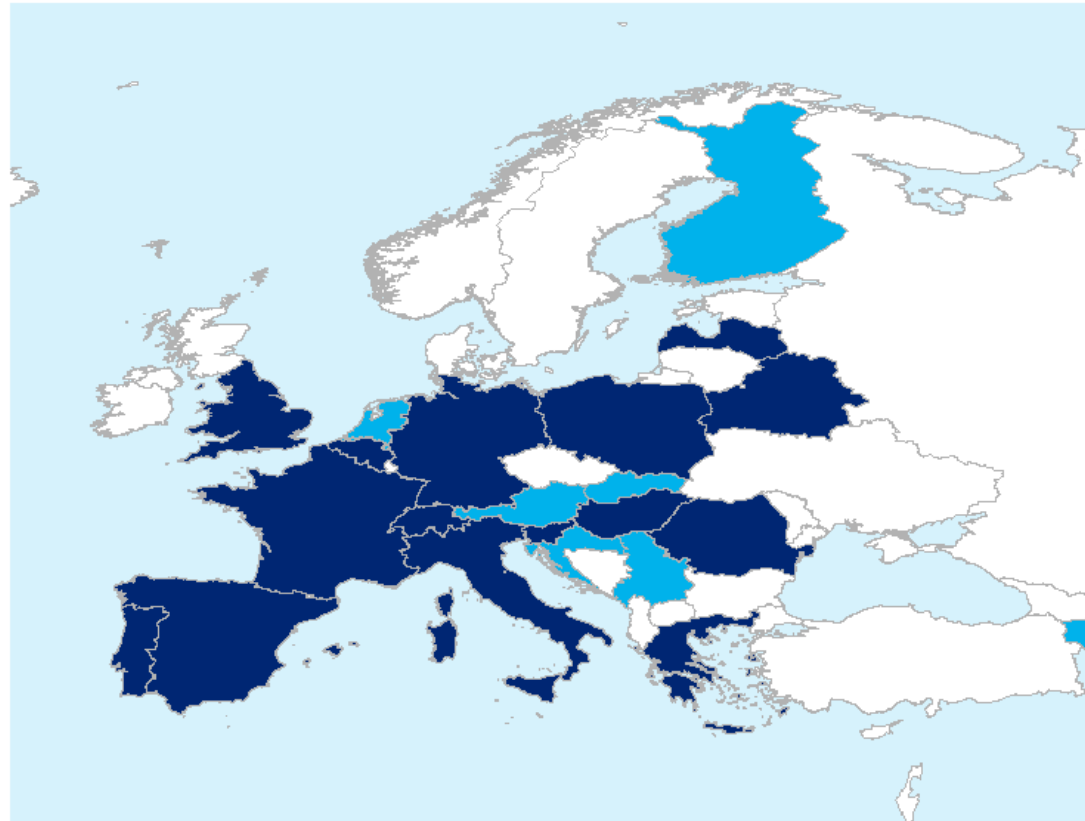


Hitzewellen



HHWS Europe

-  operational HHWS
-  planned HHWS



(C) 2006 EuroHEAT



Allergien

www.pollenundallergie.ch/infos-zu-pollen-und-allergien/MeteoSchweiz/pollenprognose/?oid=1828&lang=de

ss, place your bookmarks here on the bookmarks bar. Import bookmarks now...

MeteoSchweiz

Pollenprognose

Pollenprognose

Prognose für Dienstag, 24. Juni 2014

Blühbeginnprognose

Das in der ersten Tageshälfte noch recht wechselhafte Wetter dürfte dafür sorgen, dass die Pollen, insbesondere von Gräsern, nur schwache Belastungswerte erreichen. Aber die wieder einsetzenden Aufhellungen werden wohl bereits im Nachmittag den Pollenflug begünstigen.

Pollendaten

Allergene Pflanzen

Gesamtpollenbelastung für Dienstag, 24.06.2014

Wetterprognose

Luftschadstoffe

Weitere Informationen

Über uns

Aktuelles

aha! Allergiezentrum Schweiz

Info zu Allergien

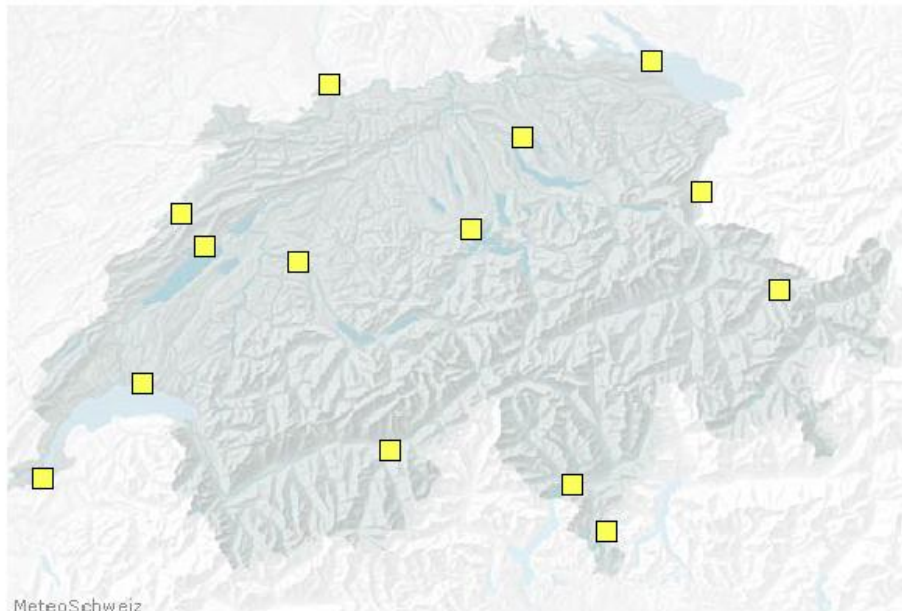
Leben mit Allergien

aha!infoline

Veranstaltungen

Über uns

Aktuelles



MeteoSchweiz

sehr stark

stark

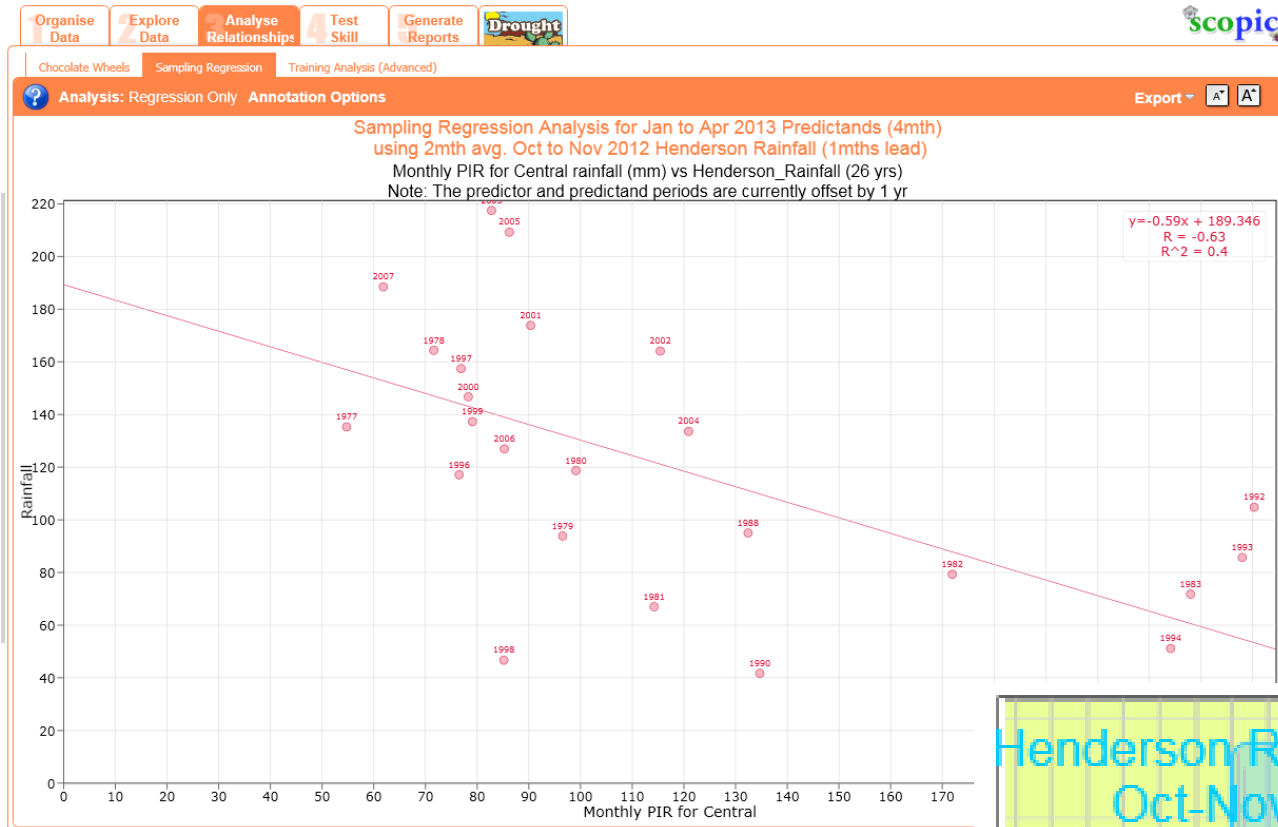
mässig

schwach

keine



Malaria Vorhersage



Grossflächige Phänomen

Things to do:

Use & Communicate Available Guidance on climate conditions that affect health



Background.

A moderate La Niña has developed and is expected to last through at least February 2011. Given past experience, it is necessary to develop an action strategy to help manage the potential risks and reduce possible public health impacts globally, as well as at local and regional levels. La Niña events have been associated with heavy rainfall and increased chances of flooding in Southern Africa and parts of the Sahel. In 2000, devastating floods associated with La Niña affected 400,000 people in southern Africa, causing at least 96 deaths and leaving 32,000 homeless. The current floods in West Africa are attributable to La Niña conditions. In Eastern Africa, La Niña conditions are associated with drier-than-normal conditions and an increased risk of drought. Dry conditions in Eastern Africa are also expected to persist into early 2011. Above-normal rainfall is also forecasted for much of south and Southeast Asia, particularly Indonesia (from September to December) and the Philippines (from October to February 2011). Monthly forecast updates are maintained by the IRI and regional rainfall forecast maps for monitoring weather forecasts are available at: <http://iri.columbia.edu/ifs/forecast/3munusualprecip>.

This report provides information to assist monitoring of vulnerable communities and provide time sensitive information for interventions to reduce negative health impacts. It is prudent for health decision makers to follow the situation for any developments and monitor climate/weather forecasts as part of an early warning-early action approach. Resources and recommendations for monitoring the situation are presented below.

What is La Niña?

La Niña refers to a period of cooler than average Sea Surface Temperature (SST) in the eastern and central equatorial Pacific Ocean that occurs as part of natural climate variability. This situation is the opposite of the warming of the waters in this region that is typical of El Niño events.



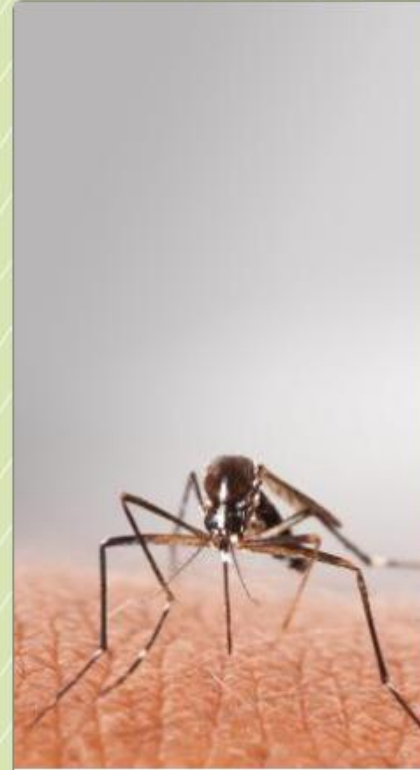
Prioritäten



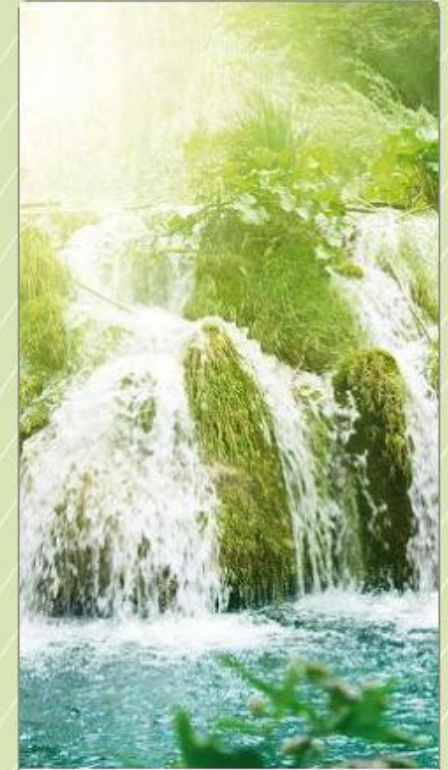
Landwirtschaft



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Gesundheit



Wasser



Associated Program on Flood Management



Engage in state-of-the art Flood Management Strategy Formulation, Policy Making and Legal Reform with full process coaching through the HelpDesk.

Utilize the HelpDesk in organizing advocacy workshops, awareness building campaigns and training at various levels to further integrated flood management.

Be guided to the right combination of information from various sources available under the HelpDesk.



Explore the Policy and Tool Series on the general concept of Integrated Flood Management and guidance material tailored to methods and concepts for implementation.

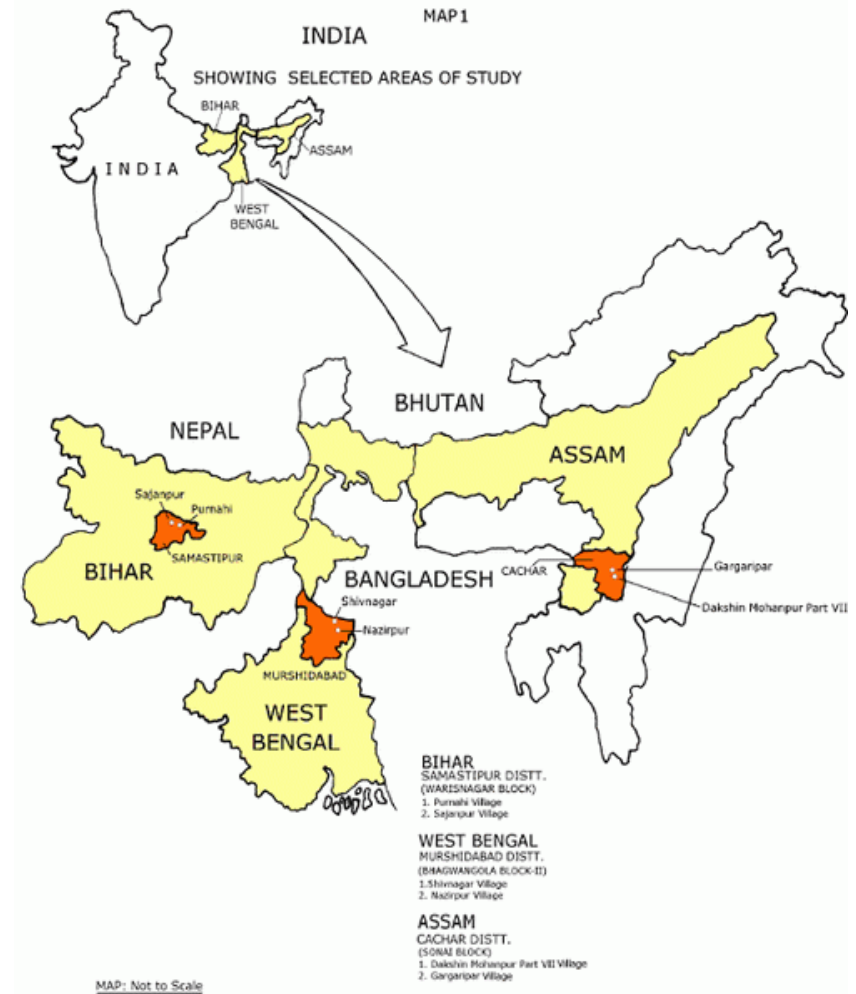
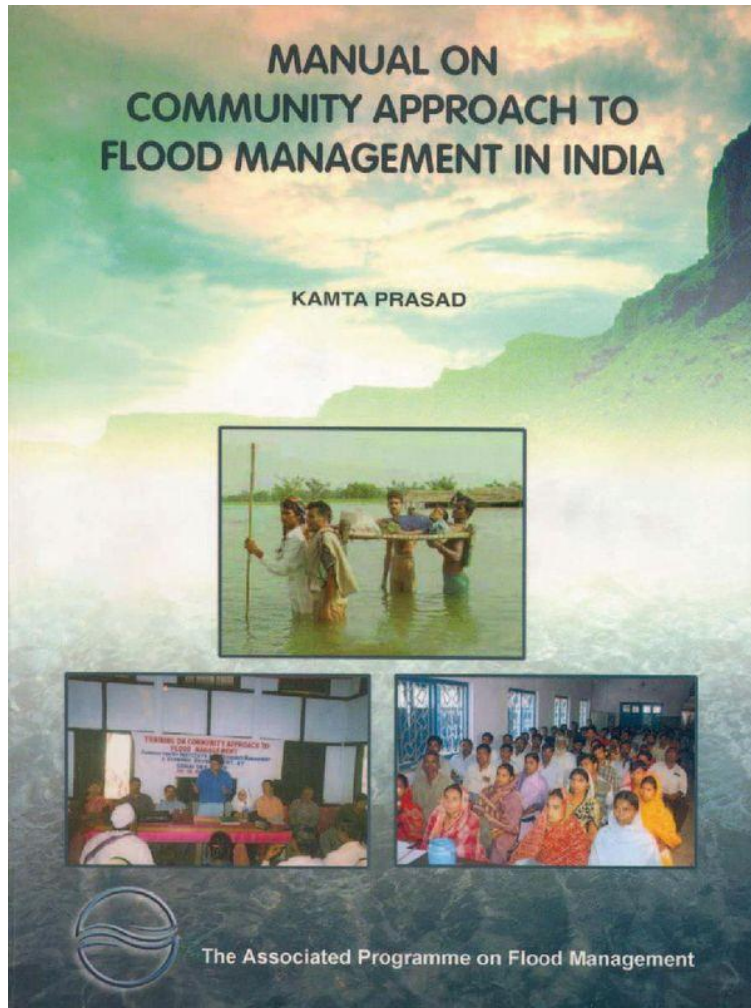
Learn more about training material for kids and get connected to e-learning platforms addressing the various aspects of Integrated Flood Management.

Use the Reference Centre to know more about different institutions involved in flood management as well as policies and literature on issues related to floods.

Browse through the Questions and Answers to find answers to frequently asked questions related to IFM and the HelpDesk.

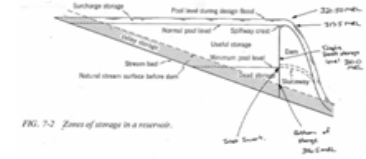
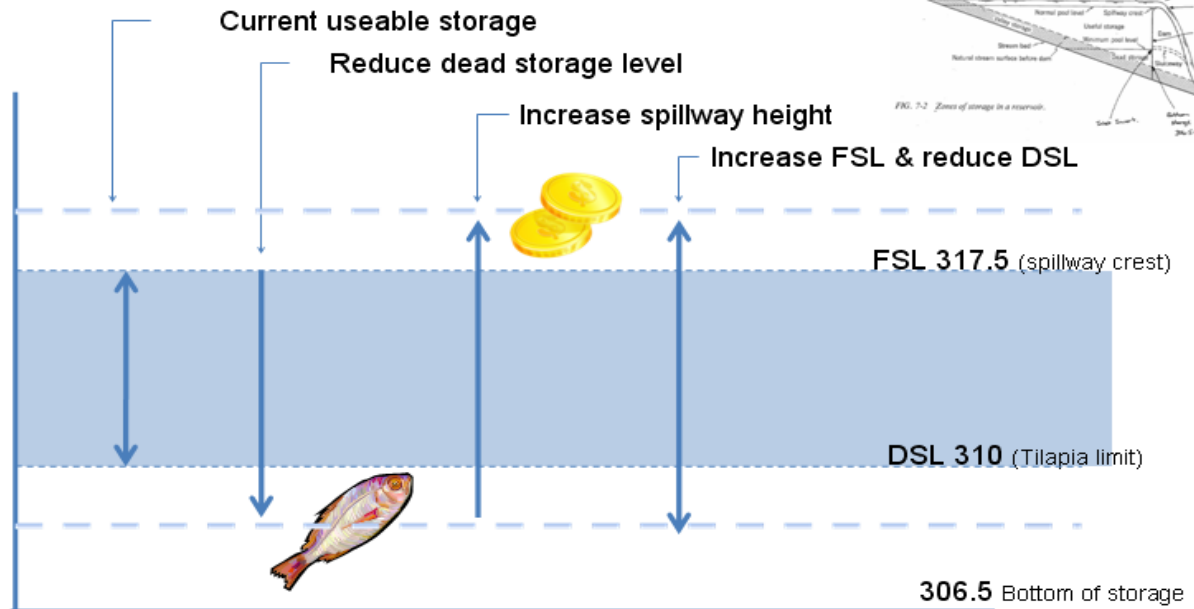
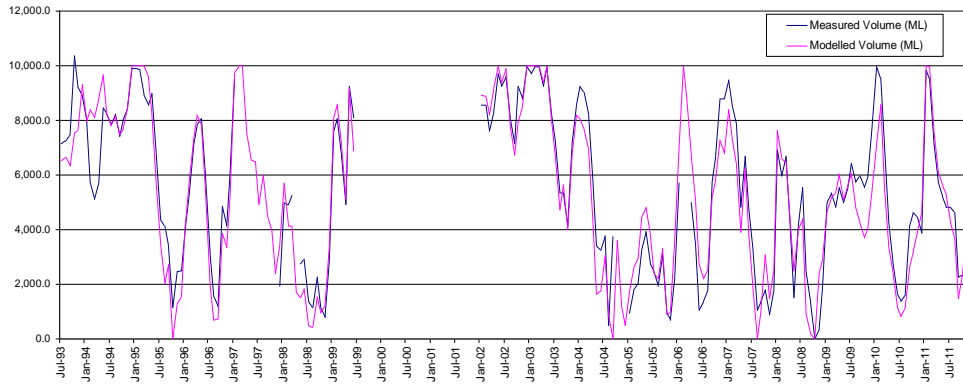


Unterstützende Handbücher



Reservoir-management

Afulilo Dam Volume (July 1993 - December 2011)

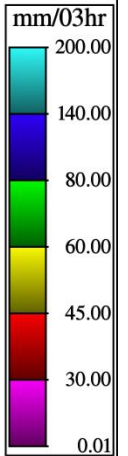
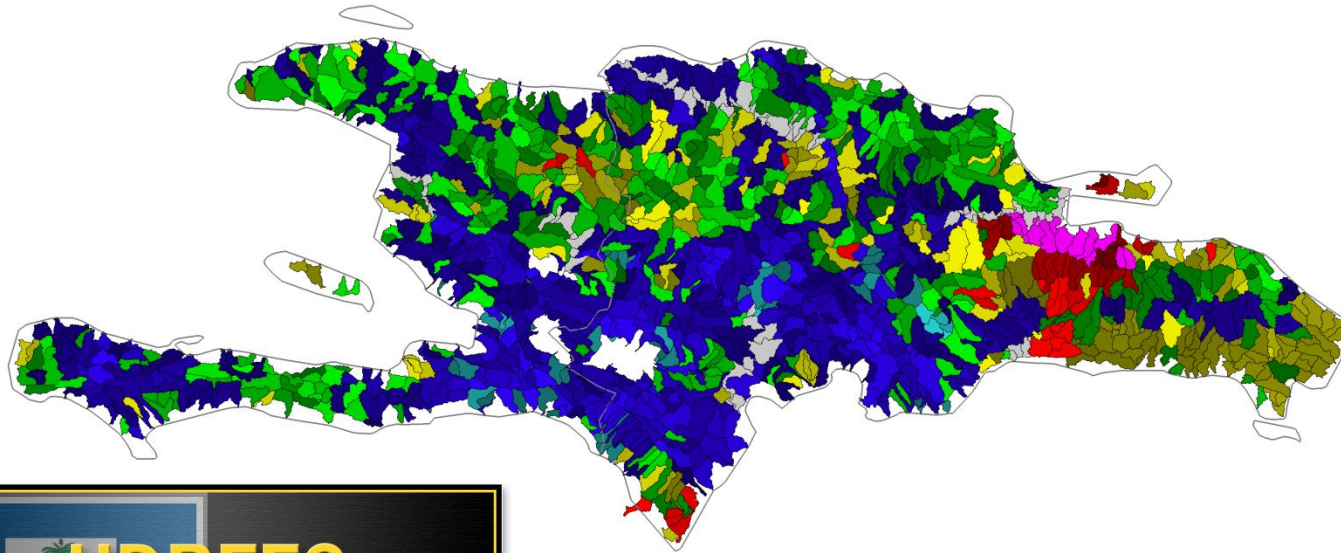


Flash Flood Guidance System

FFG - 03 hr

2014-06-19 14:00 UTC

FFGS REGIONAL



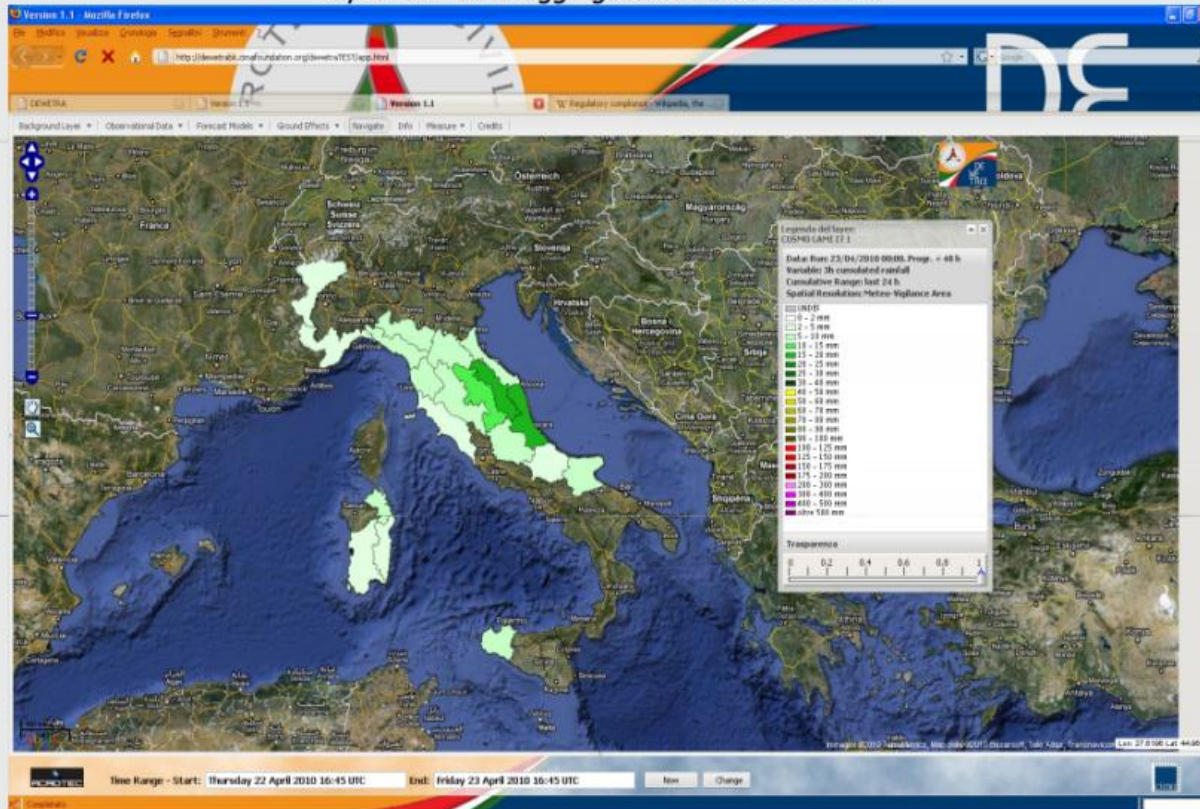
HDRFFG
Haiti & Dominican Republic
Flash Flood Guidance
System
Copyright © 2010 Hydrologic Research Center





Technische Werkzeuge - DEWETRA

INFORMATION PRESENTATION

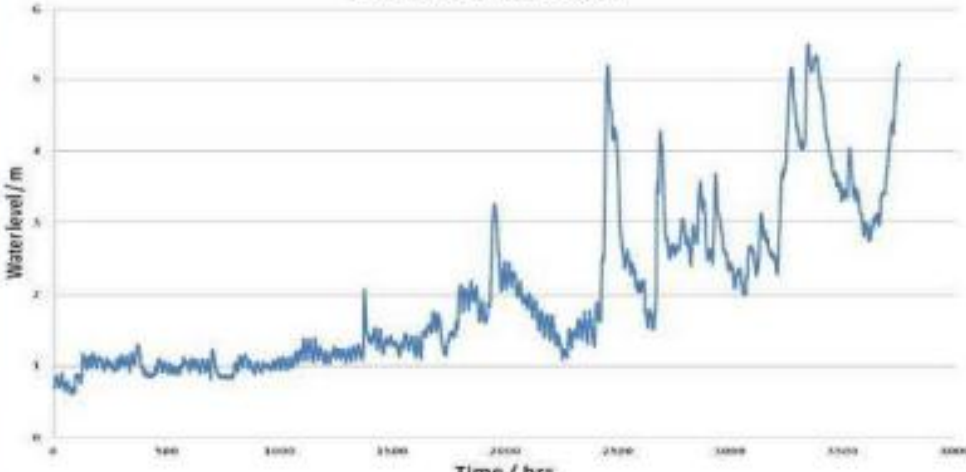
Synthesis: data aggregation at different scales



Lokalspezifische Warnungen



Belize Big Falls Station



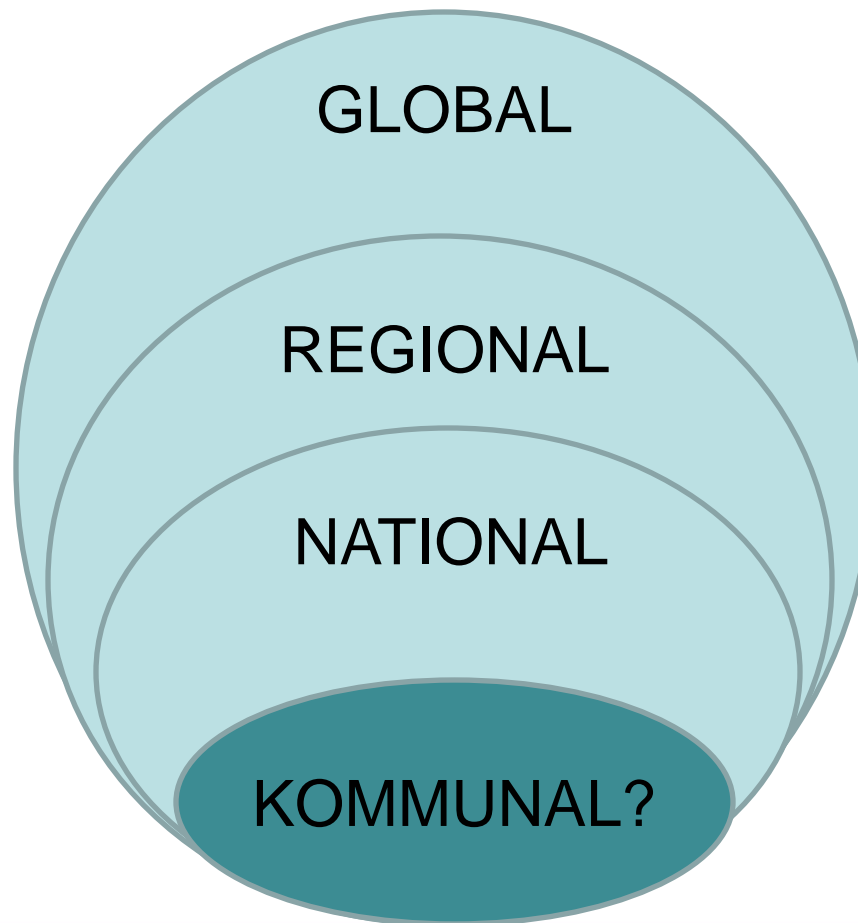
Water level / m

Time / hrs

Belize Email Alerts	
<input type="checkbox"/> ☆ To: cpounder	Big Falls North Alert -
<input type="checkbox"/> ☆ To: sboyce (24)	Big Falls North Alert -
<input type="checkbox"/> ☆ To: iwilliams (24)	Big Falls North Alert -
<input type="checkbox"/> ☆ To: ecayetano (24)	Big Falls North Alert -
<input type="checkbox"/> ☆ To: nemocoordinator (24)	Big Falls North Alert -
<input type="checkbox"/> ☆ To: dgonguez (24)	Big Falls North Alert -



Handlungsebenen



Climate Services Adaptation Programme in Africa





**World
Meteorological
Organization**

Weather • Climate • Water

Thank you for your attention

C. Tamara Avellán

Project Officer - GFCS Implementation
**Climate and Water Department/
Office for Resource Mobilization and Development Partnerships**

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Email: cavellan@wmo.int