



# *SUSFISH Burkina Faso*

***Sustainable Management of Water and Fish Resources in Burkina Faso***

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WAU - Department of Water, Atmosphere and Environment

IHG - Institute of Hydrobiology and Aquatic Ecosystem Management

CDR - Centre for Development Research

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# Partners



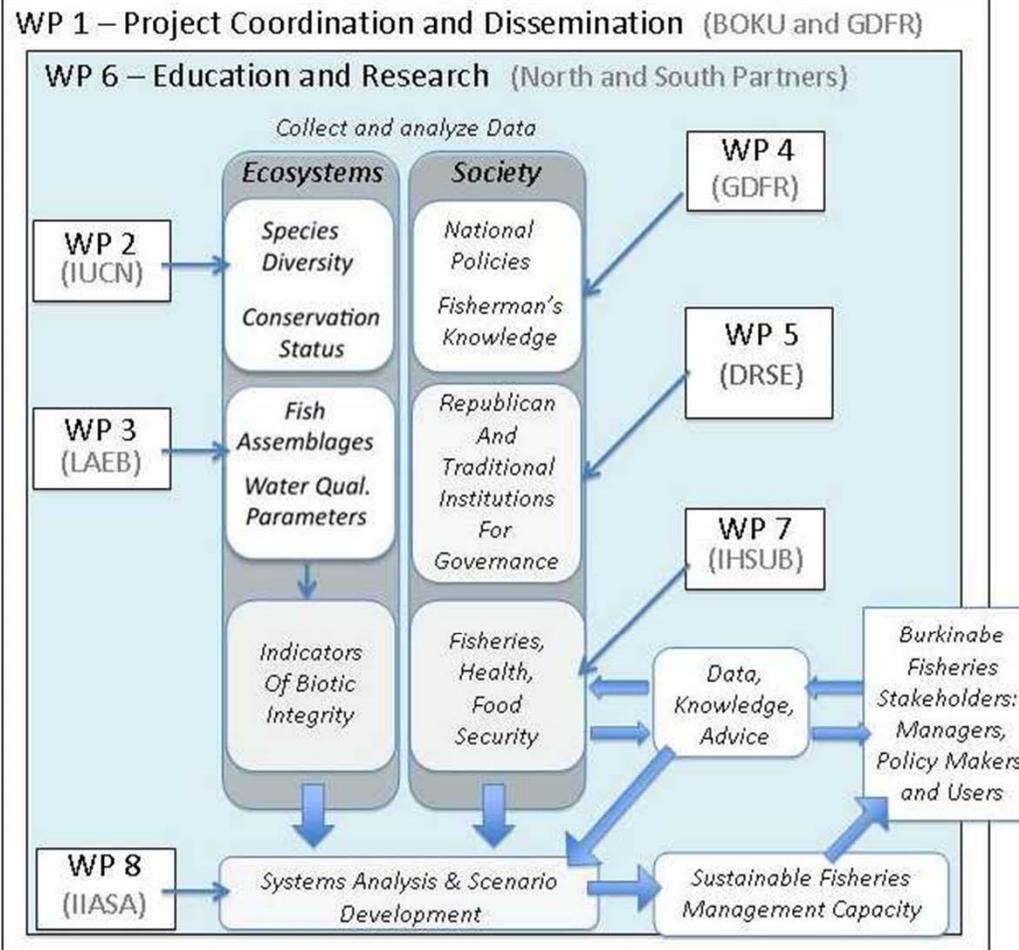
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<b>University of Vienna</b>	Department of African Studies, University Vienna
International & Burkina Faso Partners (6)	
<b>IIASA</b>	International Institute for Applied Systems Analysis, Laxenburg
<b>Ministry of Agriculture, Water and Fish Resources</b>	GDFR General Directorate for Fish Resources, Ouagadougou
<b>IUCN West and Central Africa</b>	International Union for Conservation of Nature, Ouagadougou
<b>University of Ouagadougou</b>	LAEB Laboratory of Animal Ecology and Biology
<b>Polytechnic University of Bobo Dioulasso</b>	DRSE Department of Rural Sociology and Economy IHS Institute for Health Sciences



# Structure



## APPEAR Project Organization



# Objectives



Build capacity to **study**, monitor and manage sustainable fisheries.

Develop **water management and assessment methods** based on fish that are applicable for use in Burkina Faso.

Identify, evaluate, and prepare existing data for fish, environment and pressures for a **national database**.

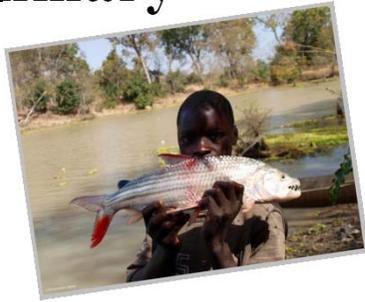
Analyze the **relationships** between **pressures** (incl. overfishing, land use, continuity) and the dynamics in **fish assemblages** and in **water quality**.

Develop **ecological awareness** by using appropriate case studies to demonstrate the importance of ecological services and biodiversity to the nation's food security and health care.

Support the implementation and dissemination of project results by **integration of the project results** in the **education policies** and on-going national programmes.



# Summary



- high **traditional knowledge** on fish and biota
- **improving scientific knowledge** on aquatic biodiversity
- lack of knowledge concerning **human pressures**
- **ecosystem services** and **climate change**
- **socio economic value, gender, participation**
- **capacity building** and **adaptive management** as future perspectives
- initiation of a **SUSFISH plus**:
- “**Management of Water Resources in West Africa**”



# Capacity building



- Training and Teaching
- Supervising
- Publication
- Implementation
- Networking ERA ARD - IRD France – NHM Vienna etc.
- MoU Univ. Ouagadougou and BOKU
- Cooperation in other projects
- Teaching (common lectures) Master Applied Limnology
- Supervising Master and PhD thesis



# Next Steps



Duration: November 2011 – November 2014

Visit Burkina Faso Nov 15 – Nov 25 2014 – adaptive management

Master and PhD Students **appear** application  
Reports Guides, FISH BOOK, Publications



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