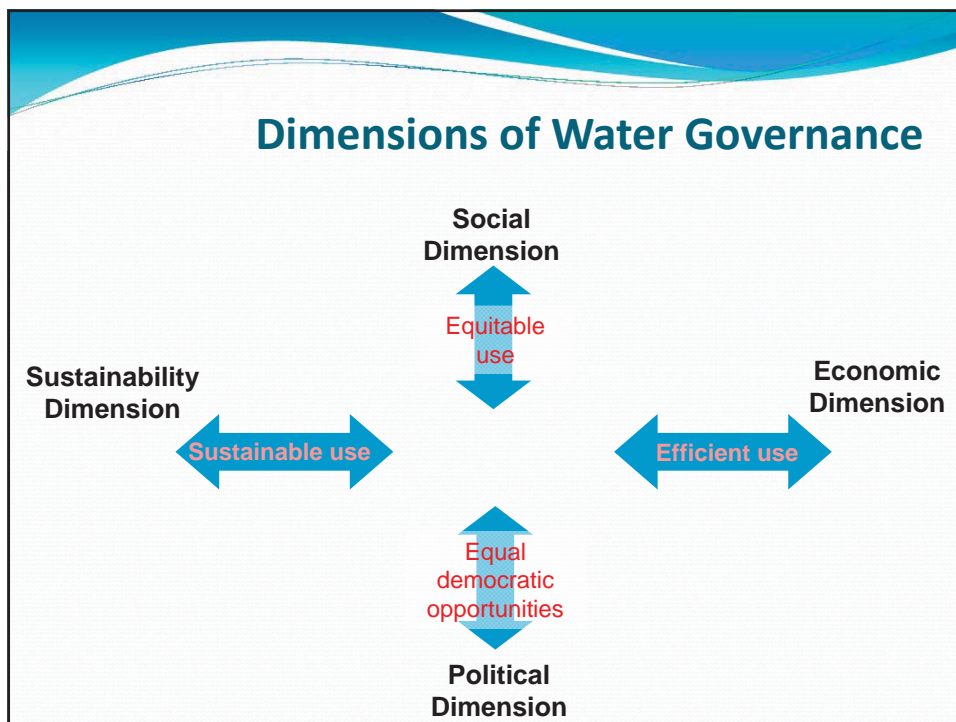


Session VI: Opportunities for exchange of knowledge and experience in water governance

Examples of sharing of technology and innovative methods of water management, including through private sector investments

Martin Krause, UNDP



UNDP Water governance programme

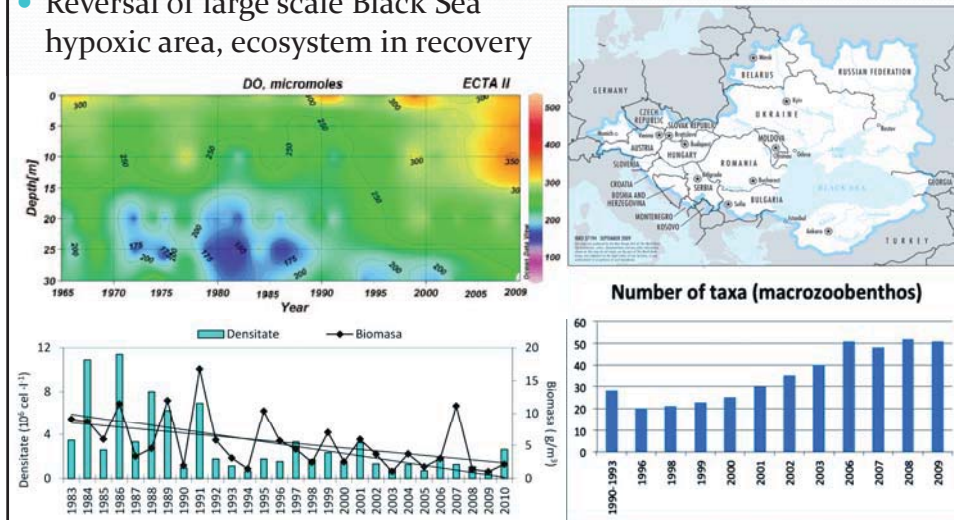
- Assist countries to reduce poverty and vulnerability, sustain and enhance livelihoods and protect environmental resources through adaptive water governance
- Three priority areas:
 - Water, sanitation, hygiene
 - Integrated Water Resources Management
 - Transboundary waters

Water, Sanitation and Hygiene

- GoAL WaSH:
 - Focus on fragile states, low coverage
 - Sector assessments, 11 countries to date
 - Governance-focused interventions to address gaps, constraints, opportunities
- Example:
 - **Tajikistan:** water rights and responsibilities campaign

Policies and Legislation: Reversing Eutrophication & Hypoxia in Danube/Black Sea

- In 17 countries; policies, legislation, investments
- Reversal of large scale Black Sea hypoxic area, ecosystem in recovery



Market & Policy failures drive ocean degradation

Ocean Issue	Market/Policy Failure(s)
Coastal hypoxia/eutrophication (fertilizer & manure run-off, poorly treated wastewater)	Lack of internalizing cost of nutrient damage into price of fertilizer and human & livestock wastewater management
Marine Invasive Species – shipping as main vector	Lack of internalizing economic damage invasives into shipping operations, internalize cost to clean up ship ballast water
Loss Coastal Habitats	Lack proper valuation of ecosystem services coastal habitats provide
Overfishing	Lack internalizing socioeconomic and environmental costs of overfishing into (sustainable) fisheries management; 'bad' subsidies to fisheries
Ocean acidification (dissolution of anthropogenic CO ₂ into ocean)	Lack of proper price on carbon which incorporates environmental and

Value of 'blue' ocean to the 'green' economy

- Food security
- Tourism
- Transport
- Energy (fossil fuels, renewables...)
- Ecosystem Services (carbon and nutrient cycling, climate moderation, habitat, etc.)
- Poverty Reduction – GDP contribution ocean sectors as high as 20% in some developing countries





IW
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Capacity and Knowledge

- Cap Net
- Water Wiki
- IW Learn



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Resilient nations.*



UNEP



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Global Water
Partnership



UNEP



UNECE
United Nations Economic Commission for Europe



United Nations
Educational, Scientific and
Cultural Organization



icpdr iksd
International
Commission
for the Protection
of the Danube River / Internationale
Kommission
zum Schutz
der Donau



INTERNATIONAL
RiverFoundation



IUCN



UNIDO



UNITED NATIONS
UNIVERSITY
UNU - INWEH



WWF



The Nature
Conservancy

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More information:

- www.undp.org/water
- <http://www.cap-net.org>
- <http://iwlearn.net/>
- www.waterwiki.net
- www.watergovernance.org
- www.everydropmatters.org

Thank You