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**Fit For Purpose (FFP) for Land And Water Management — The Relationship Of The Water And Land Tenure Nexus**

Building on land tenure to build innovative approaches to assess water resources

Tuesday, 22 June 15:00–16:30
Holistic approach concerning water resources

**FAO project** Knowing water better: towards fairer and more sustainable access to natural resources (*KnoWat*) Building on lessons learned from the land and forest tenure and proposes a more comprehensive and holistic approach concerning water resources, we cannot manage what we do not know where water tenure is defined as:

“the set of relationships, whether legally or customarily defined, between people, as individuals or groups, with respect to water resources”. FAO (2016).
Relationships that define:

WHO CAN USE WHAT RESOURCES FOR HOW LONG AND UNDER WHAT CONDITIONS
Relationships based on:

- Written Policies and Law
- Or
- Unwritten Customs and Practices
How to analyze this relationships?

- **Legal assessment** – mapping rules and their implementation
- Building on water accounting – **mapping water uses and users**
- Focusing on the **actual uses and users** of water resources
- Role of **governance arrangements** related to water tenure
- Considering **both formal rights and informal**, customary rules and practices
- **Field research** – level of acceptance and implementation on the ground

*Testing: Rwanda, Senegal and Sri Lanka*
Why this is important?

• To built knowledge and have a better understanding on how people access and use water resources

• Contribute to:
  • Ensure water to all users, particularly rural populations and vulnerable groups
  • increase resilience to climate change and managing water scarcity
  • addressee potential water conflicts.
Water resources assessment

• Biophysical assessment through FAO WaPOR portal
  • Evapotranspiration, precipitation
  • Land cover, biomass production
  • Water productivity

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WP = \frac{(\text{\uparrow} \text{\uparrow} \text{\uparrow})}{(\text{\downarrow} \text{\downarrow})}
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Dry hot

Winter
Water accounting & auditing

• Systematic quantitative assessment of the status and trends in water supply, demand, distribution, accessibility and use in space and time
• Inform planning at various level (basin to field)
• Balance productive and environmental requirements
• Governance, institutions, laws, political economy

Thank you!