

OUTLAST

Development of an operational, multi-sectoral global drought hazard forecasting system

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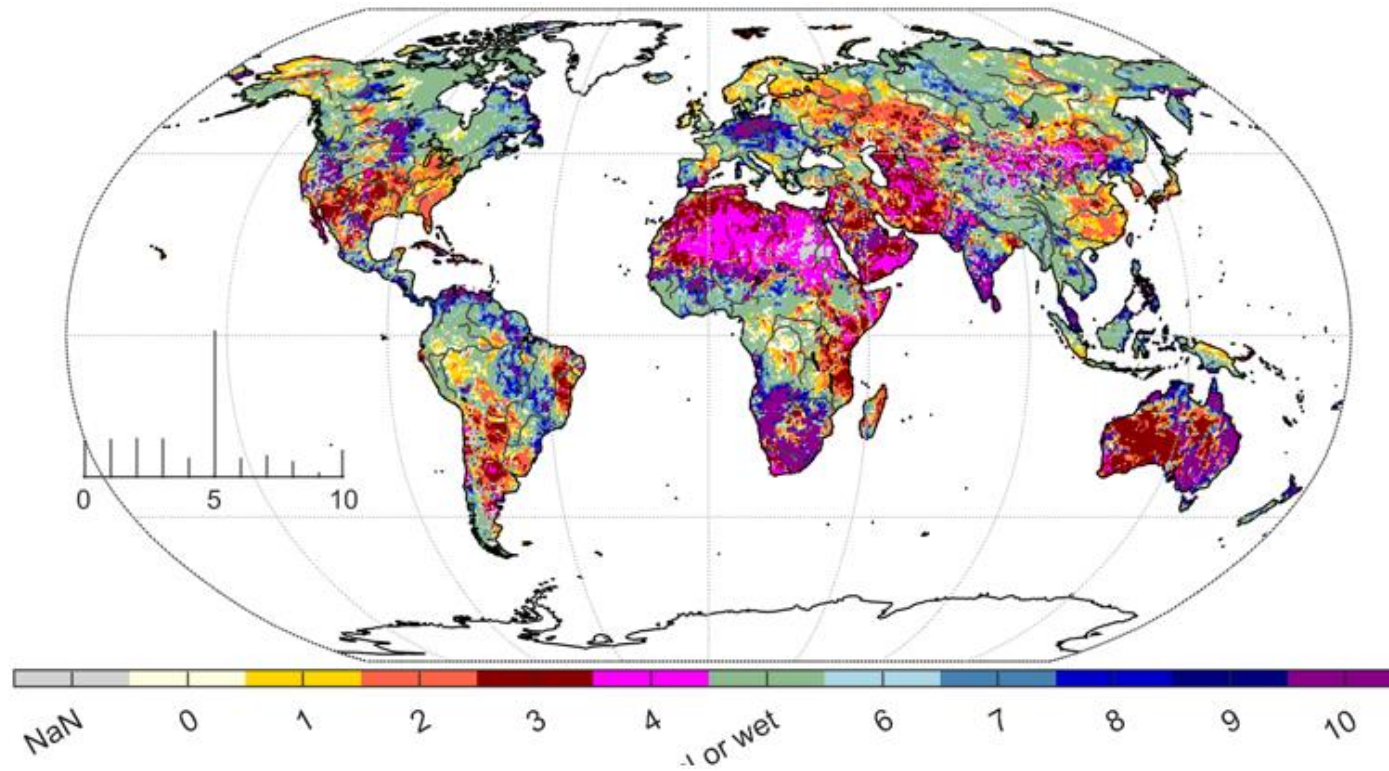
IDMP | April 11, 2024
Marketplace Session on Virtual Exchange on
Non-traditional data collection methods for strengthening drought management

@AdobeStock_118886815



Brief info ...

- Seasonal forecasting and near real-time monitoring drought globally via HydroSOS Portal (WMO)
- Drought hazard indicators and classifications



- Temporal resolution: monthly
- Spatial resolution:
 - *Meteorology: 0.1°×0.1°*
 - *Agriculture: 5 arcmin*
 - *Hydrology: 0.5°×0.5°*

Highlights in OUTLAST



Water use,
lake, reservoirs



Bias corrected
Climate data



Modelling



Indicators



Publish
to HydroSOS



Co-Design approach

- Survey, seminar
- Stakeholder interview,
- Regional workshops,
- Evaluation workshops in Germany



Raw climate data



- ✓ Transferability
- ✓ Productivity
- ✓ Scalability



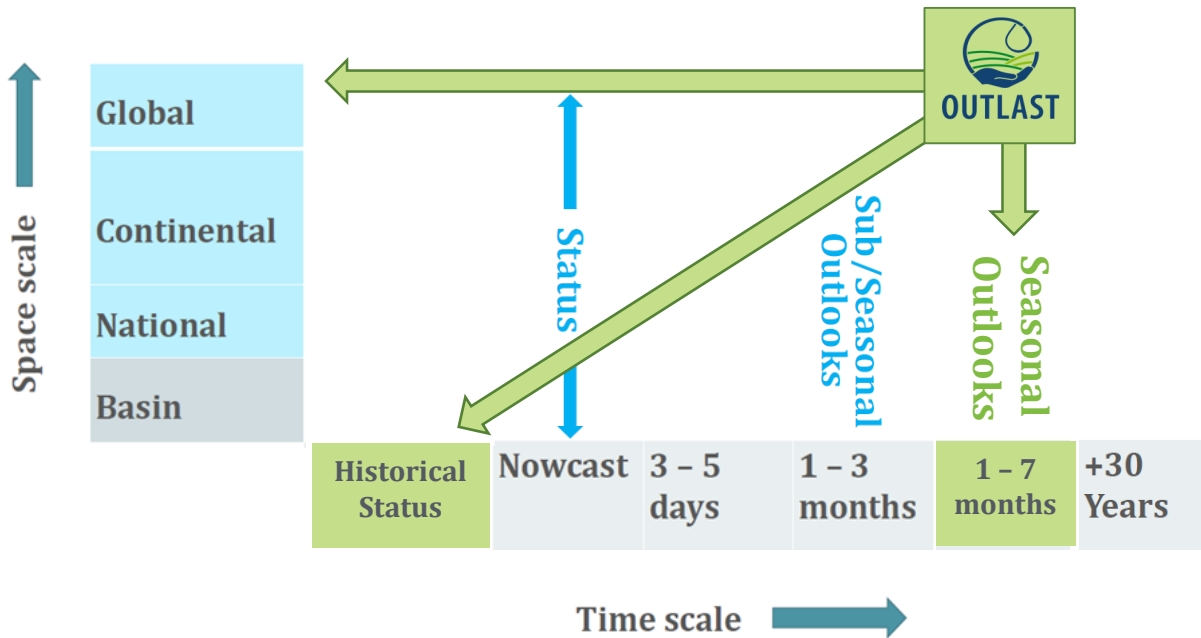
Soil, crop area,
irrigated areas

Propose a new set
of DHI

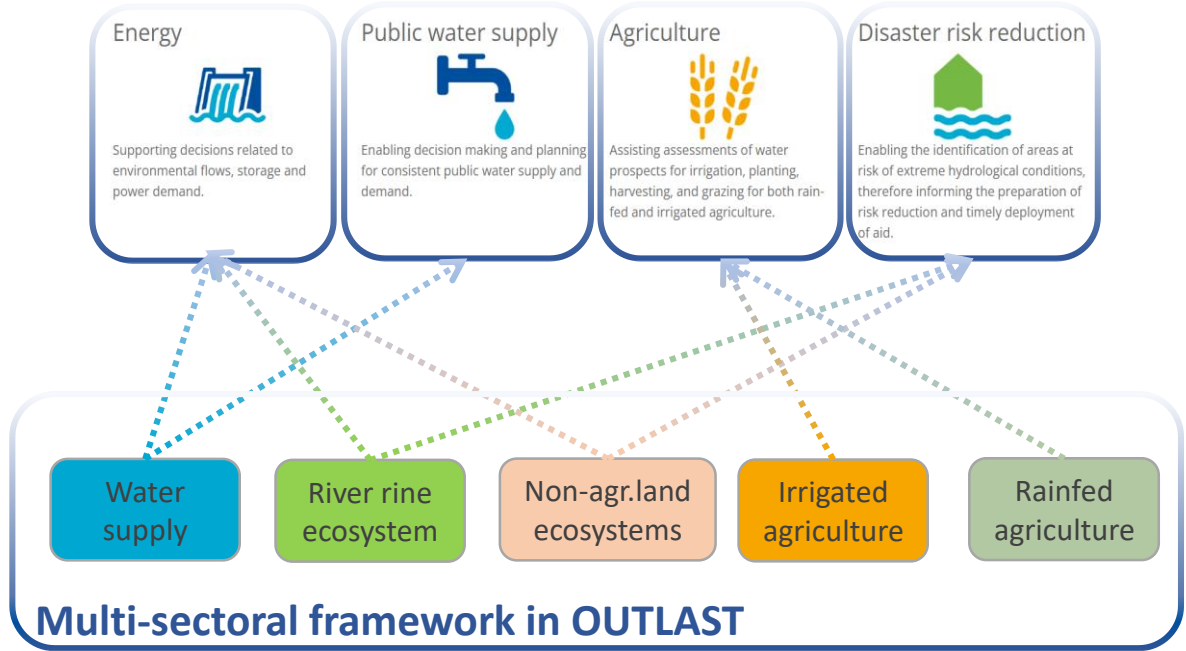
Recommendation for the
HydroSOS Web-Portal

Contribution of OUTLAST to HydroSOS

Spatio temporal scale



Main sectors on HydroSOS



@extended from WMO/HydroSOS

Thank you for your attention.

Visit <https://outlast-project.net/> for more details

