Dependence of lowland inhabitants on mountain water resources from mid-20th to mid-21st century

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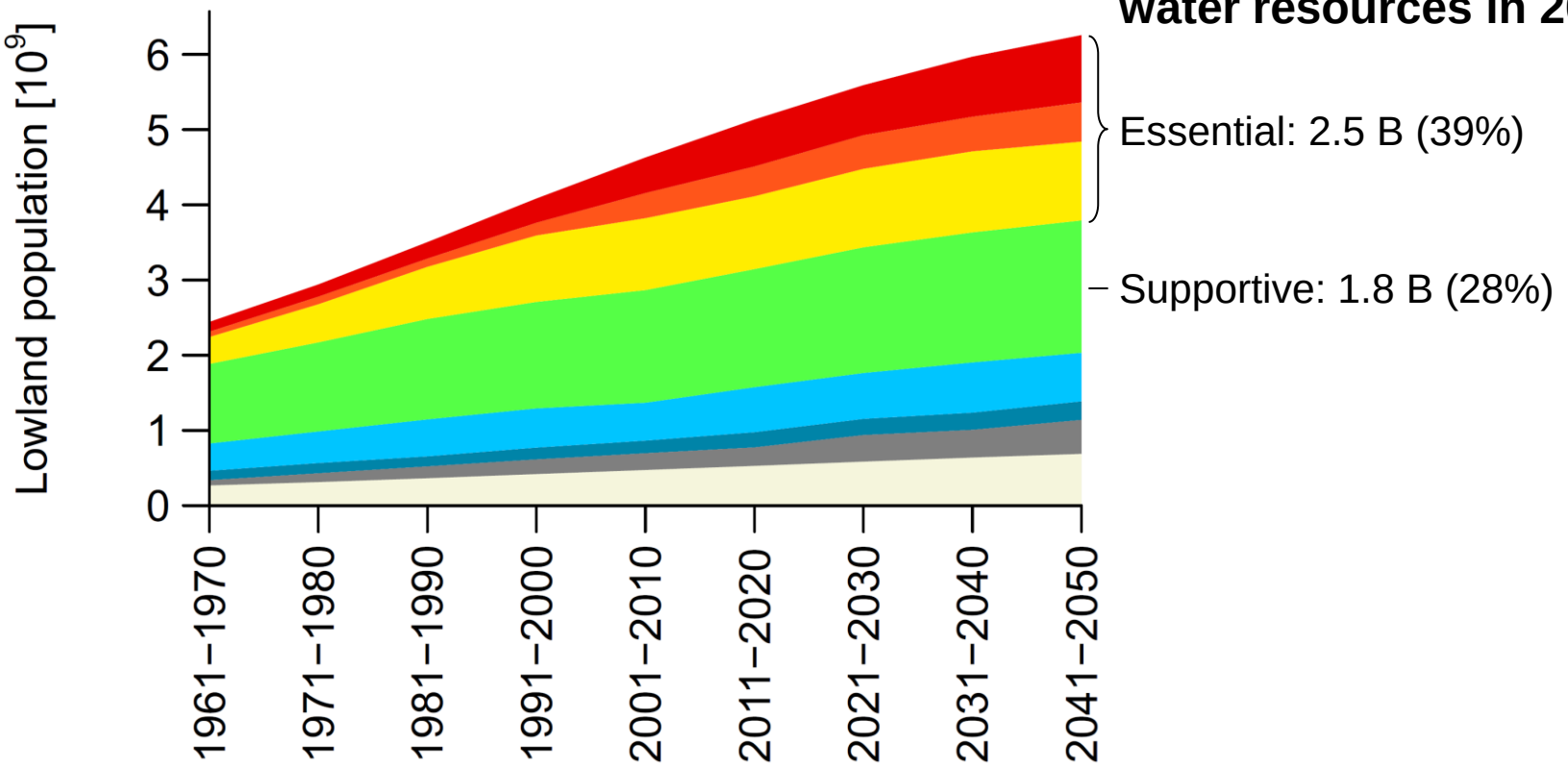
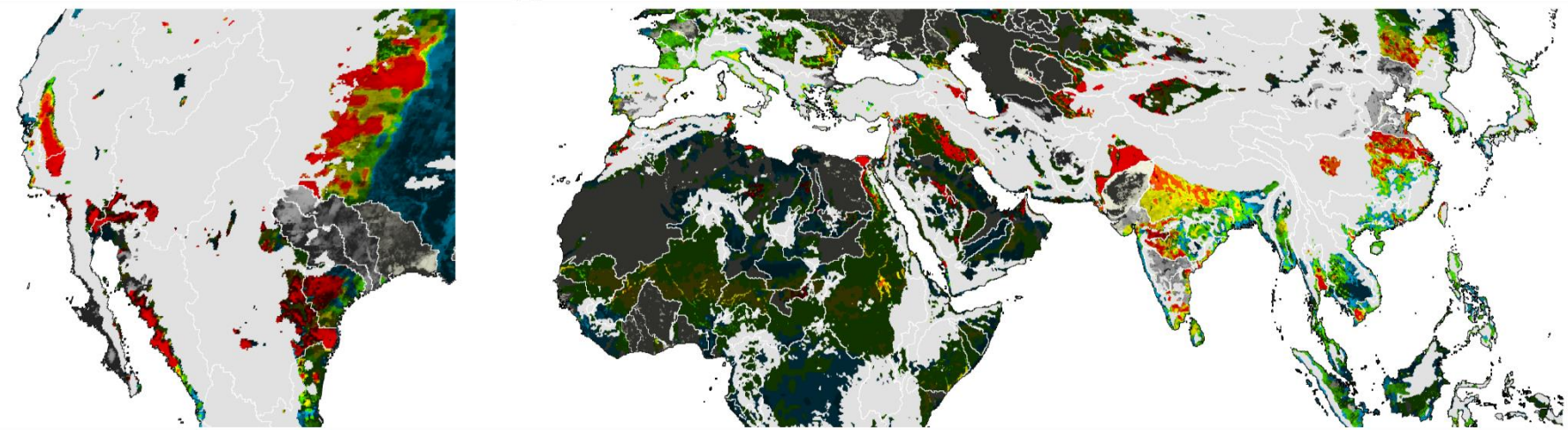
Results at global scale
1960s to 2040s (SSP2-RCP6.0)

> Mountains are important for lowland water resources, but to what extent do lowland inhabitants depend on mountain runoff?

Lowland population in dependence of mountain water resources in 2040s



Hot spot regions for irrigation
2041–2050 (SSP2-RCP6.0)

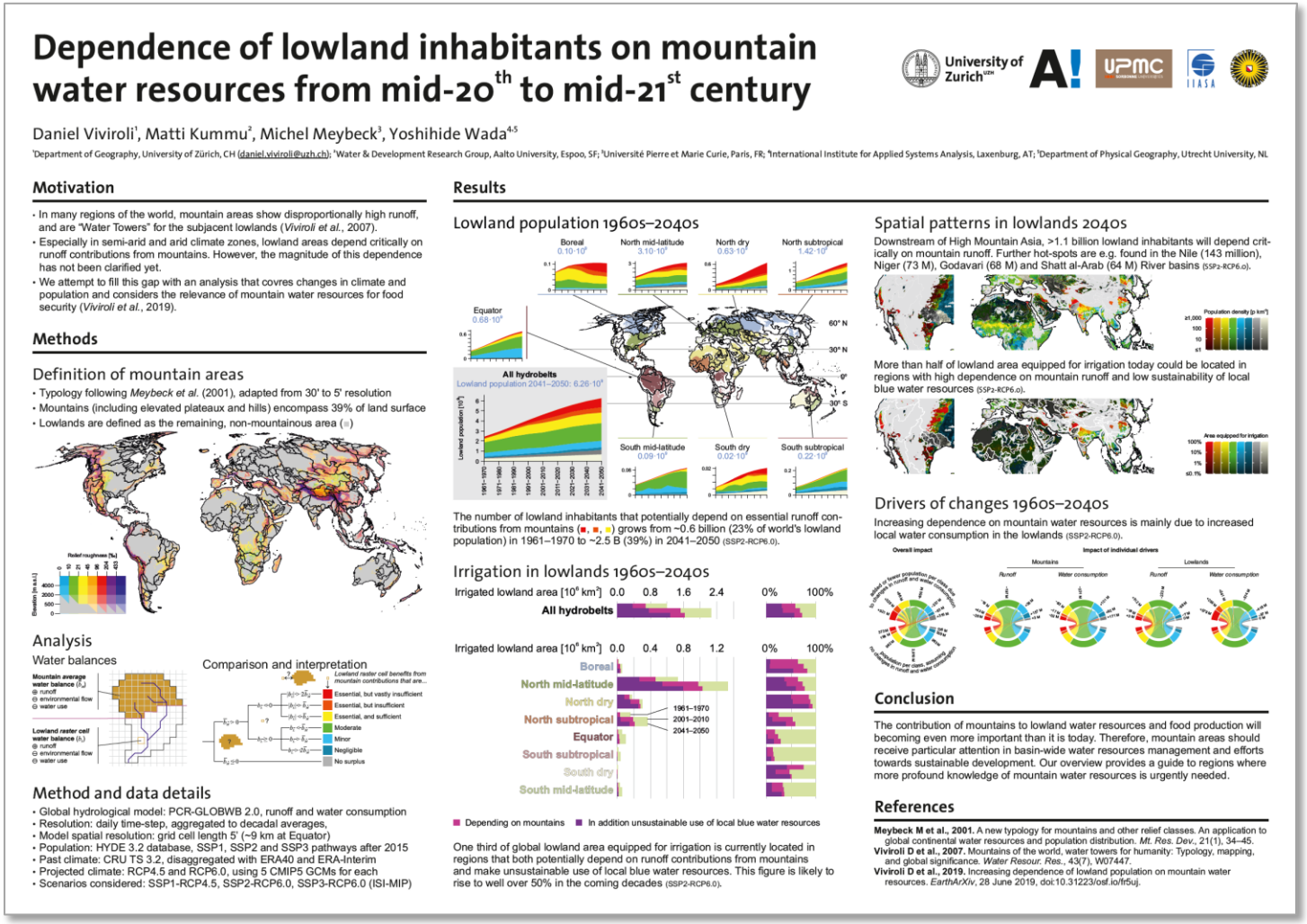


Potential dependence on mountain water resources

- Essential, but vastly insufficient
- Essential, but insufficient
- Essential, and sufficient
- Supportive
- Minor
- Negligible
- No surplus
- Share of mountain area in total catchment area <5%

Area equipped for irrigation

≤0.1% — 1% — 10% — 100%



For more come see the poster!

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