

DANUBIUS-RI: Making River-Sea Systems Work



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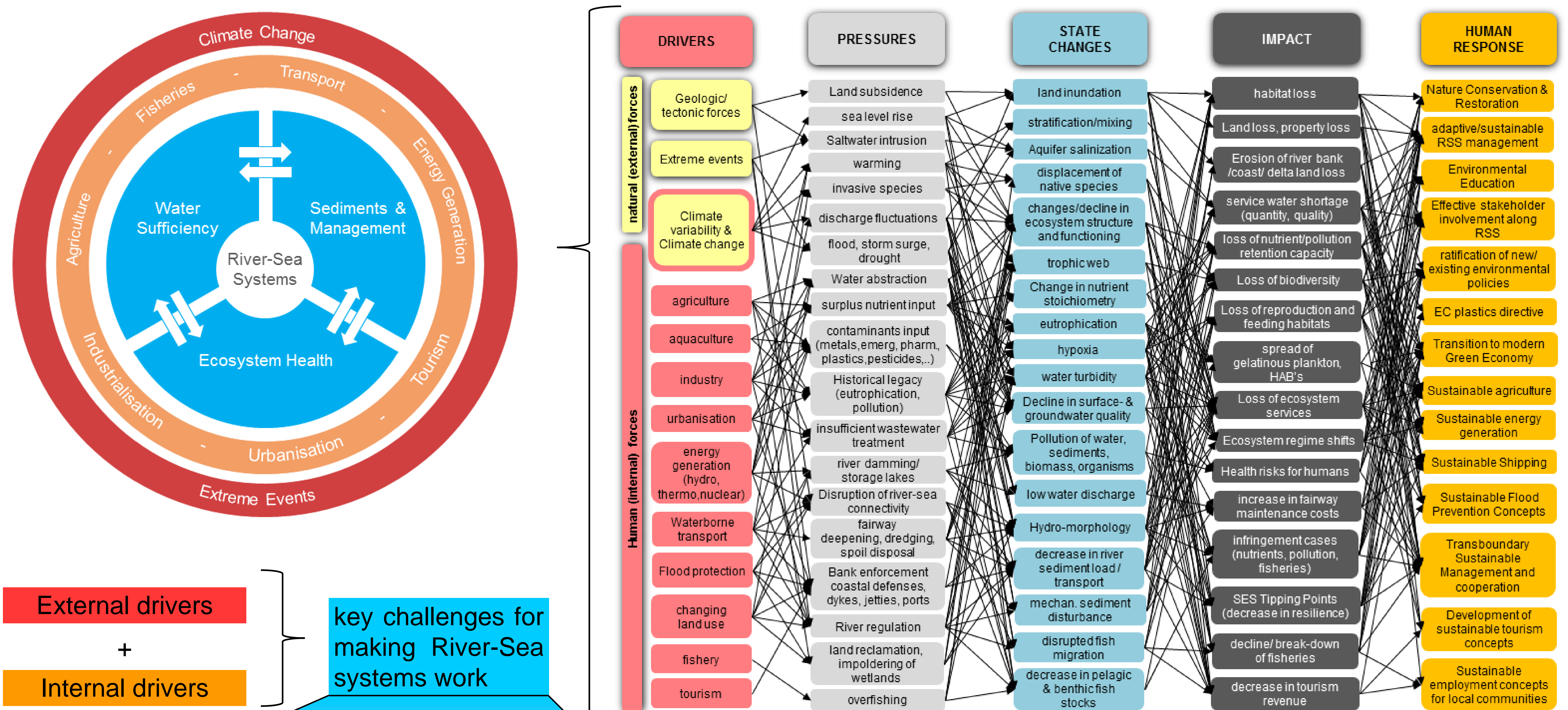
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River-Sea Systems context

- Key components with respect to food and energy production, transport and societal wellbeing,
- Under pressure from natural and anthropogenically driven environmental perturbations at local and global scales,
- Suffering from fragmentation and geographical isolation of European research on River-Sea Systems, including the transitional zones between freshwater and marine environments.

River-Sea Systems key challenges: Water sufficiency, Sediment management, Ecosystem health



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DANUBIUS-RI (The International Centre for Advanced Studies on River-Sea Systems) is being developed as a distributed research infrastructure (www.danubius-pp.eu) with an envisaged lifetime > 30 years (operational by 2023).

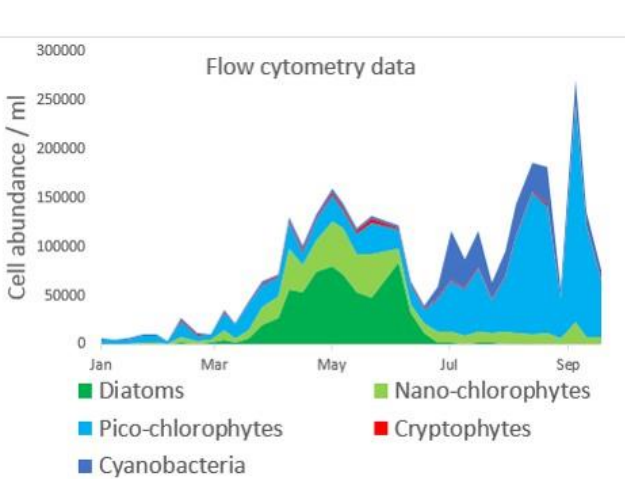
Missions and aims:



➤ enable and support research addressing the conflicts between society's demands, environmental change and environmental protection for river-sea systems worldwide,



➤ conjoin research on freshwaters and the interface to marine waters drawing on existing research excellence in EU,



➤ provide access to a range of European RSS and foster knowledge exchange as well as access to harmonized data, education and training,

➤ bridge gaps between existing European environmental policies (WFD, FD, MSPD, Nitrates Directive, Habitat Directive...)

HUB coordination

