



LTER-LIFE:
a research infrastructure to develop
Digital Twins of ecosystems
in a changing world

under review , decision on the 20th February 2023



core team

+ other scientific, educational and data partners
+ societal partners



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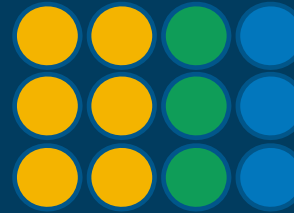
Wadden Sea



Virtual Research Environment



model catalogue



data catalogue

Digital Twins

Predictive Ecology





Wadden Sea ecosystem



- UC 4. How does climate change impact on spatiotemporal dynamics in primary production?
- UC 5. How do extreme climatic events affect biodiversity and ecosystem functioning?
- UC 6. How does climate change affect the phenology of life cycle events?



link with TrilaWatt



Benefits of cooperation for LTER LIFE:

- From national to trilateral
- Quality-assured data on geomorphology, sedimentology and hydrodynamics
- Geodata, analysis and documentation methods

Potential benefits of cooperation for TrilaWatt:

- Incorporation of ecological processes (e.g. interactions between abiota and biota)