The landscapes of coastal zones will be confronted first with effects due to climate change. The most influential changes for the coastal zones will be: sea level rising, increase of the temperature, changing rainfall patterns, floods, fragmentation of the ecological system, salinization of the soil and reduced drainage capabilities to sea.

The objective of the summerschool is to provide answers to how climatological pressure will manifest itself on the landscape in a more specific area like the Uitkerkse Polder (a representative area in terms of resilient planning and design for the Belgian coastal zone) and to what extent the pressure will have an impact on access to agricultural, urbanised or natural systems.

Students will be confronted with this context and challenged to take position. In different working groups three existing coastal defence principles (Protect – Accommodate – Retreat) will be projected to the future horizon of 2100. For each scenario a design intervention will be created on two crucial locations in the Uitkerkse Polder.

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