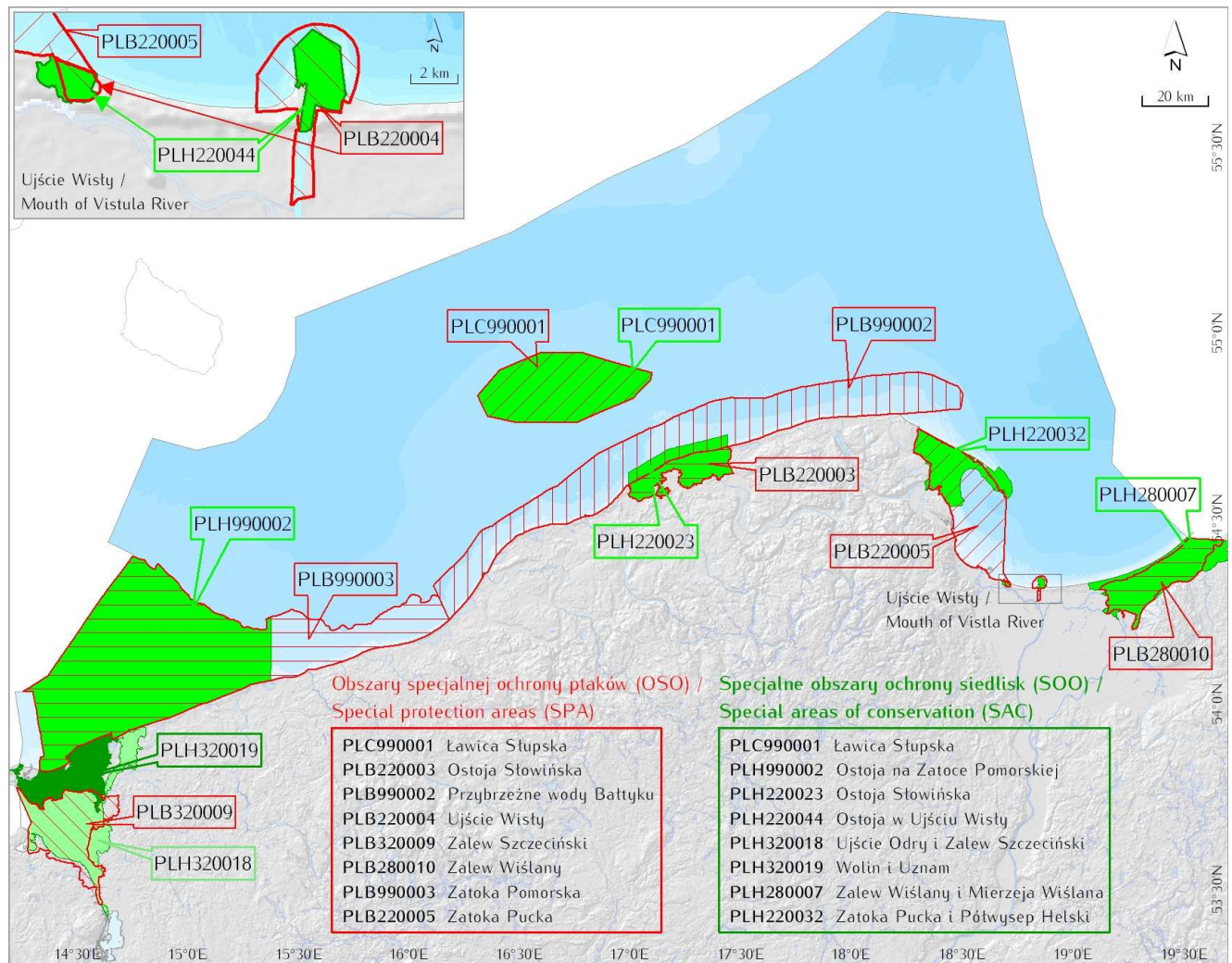
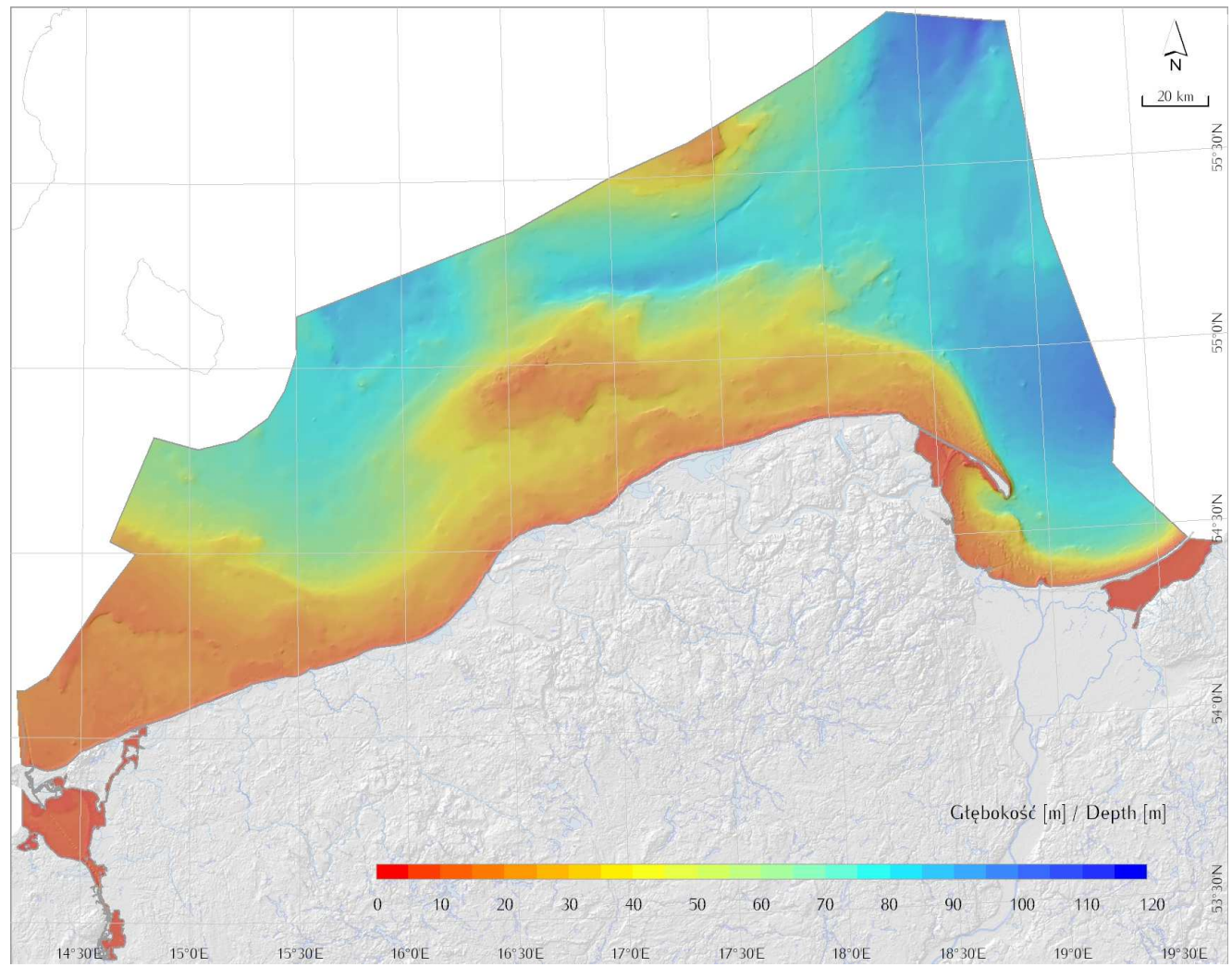
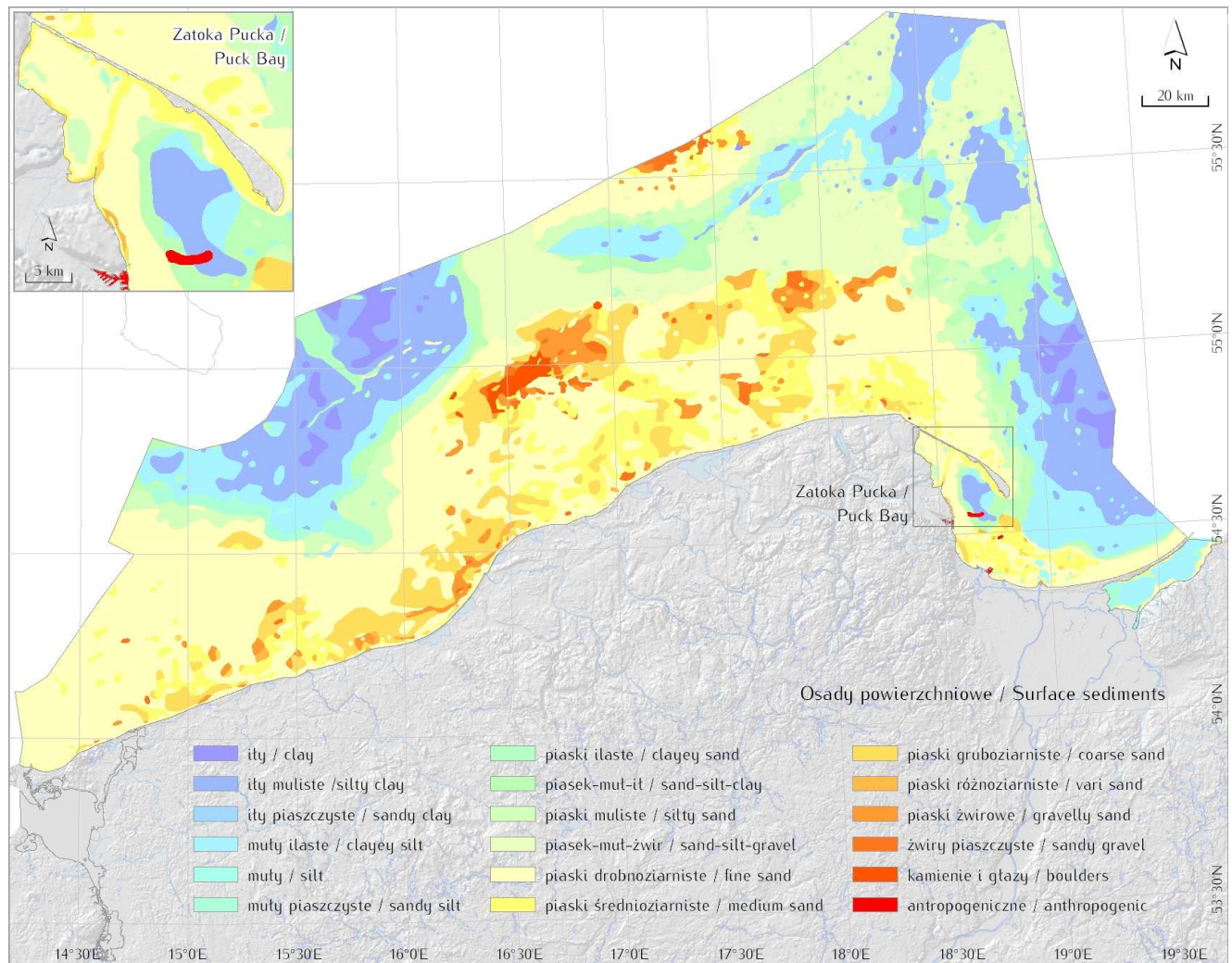


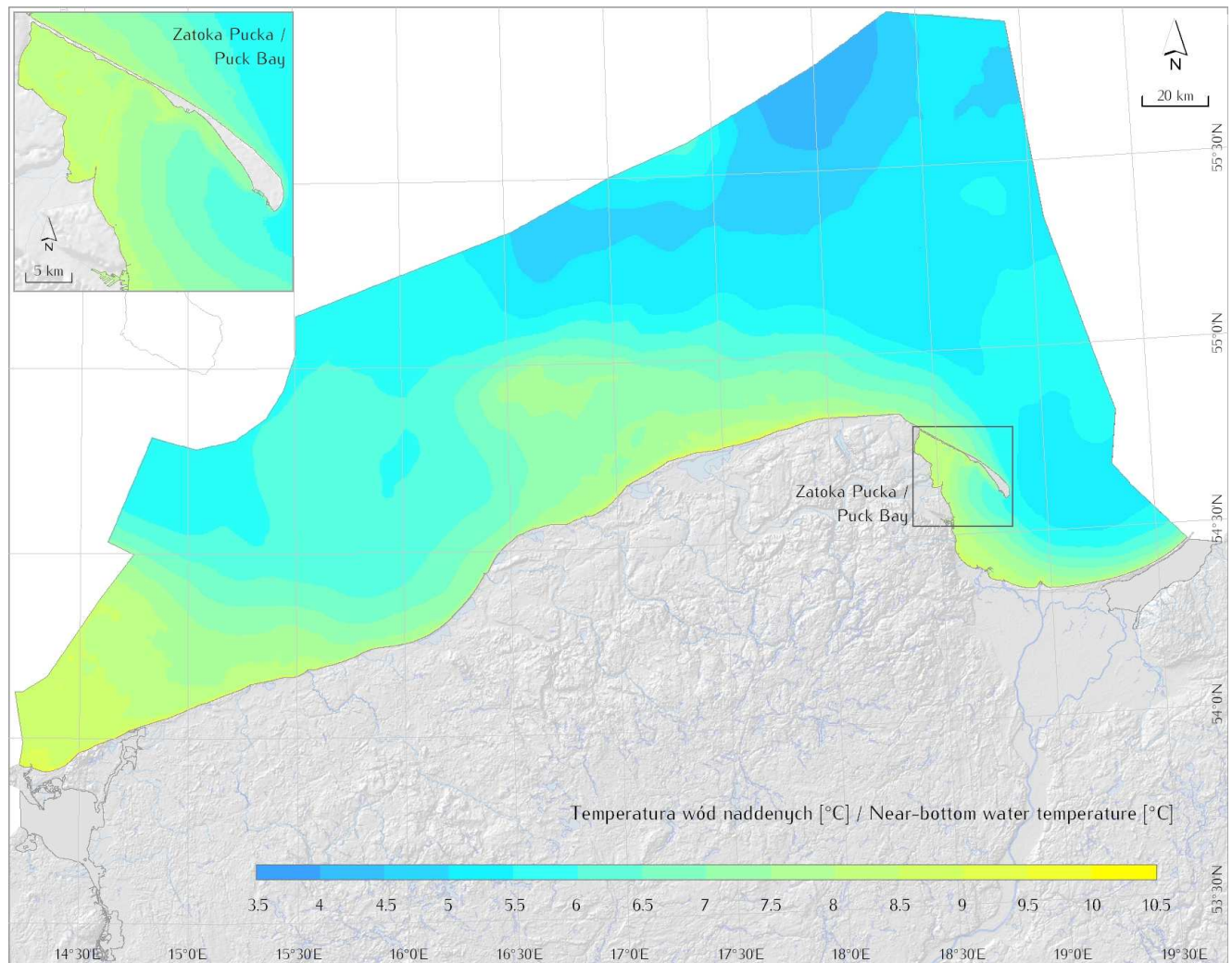
Polish coastal waters in ECOSUPPORT

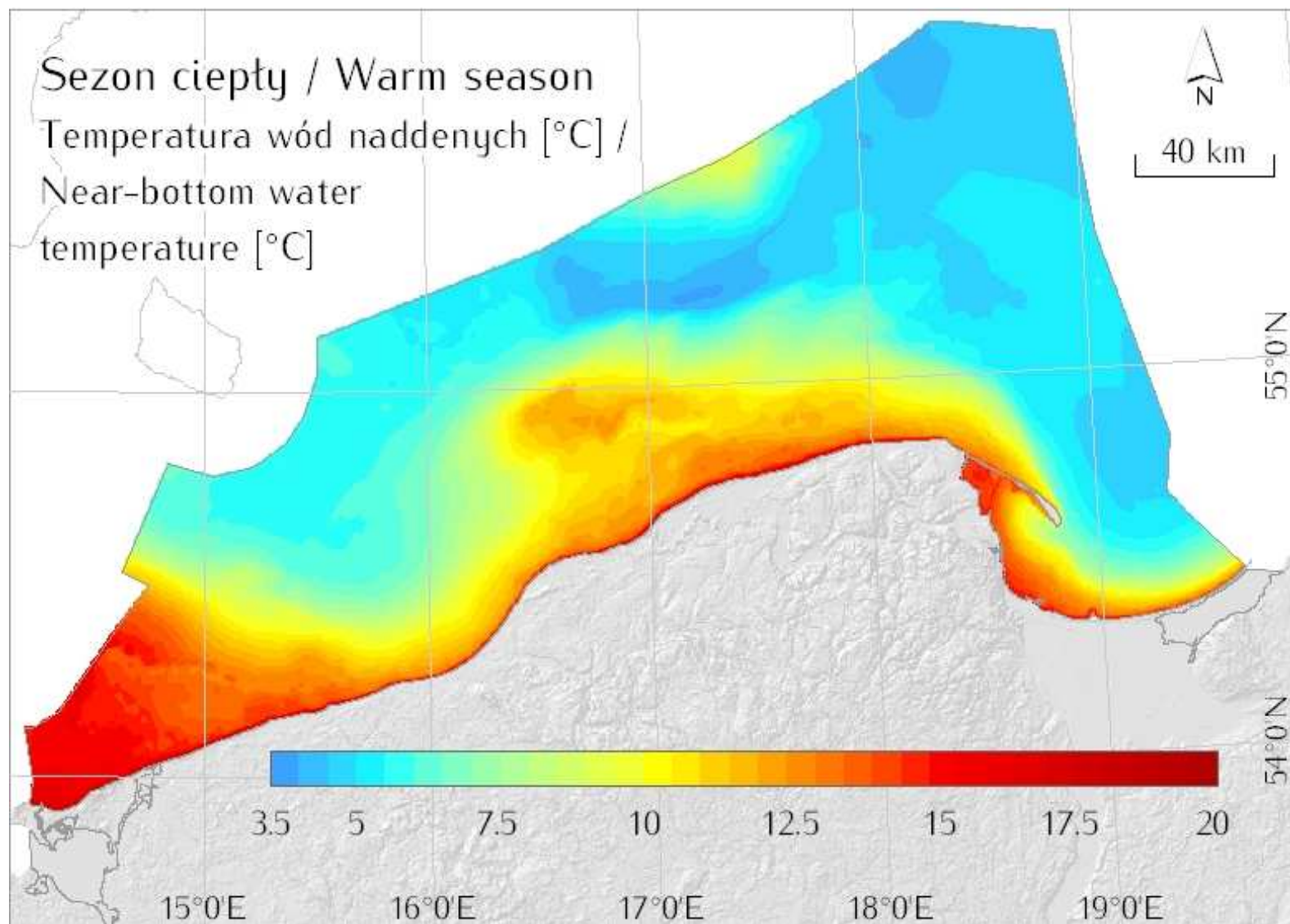
Jan Marcin Węśławski & Joanna Piwowarczyk,
Institute of Oceanology PAS, Sopot

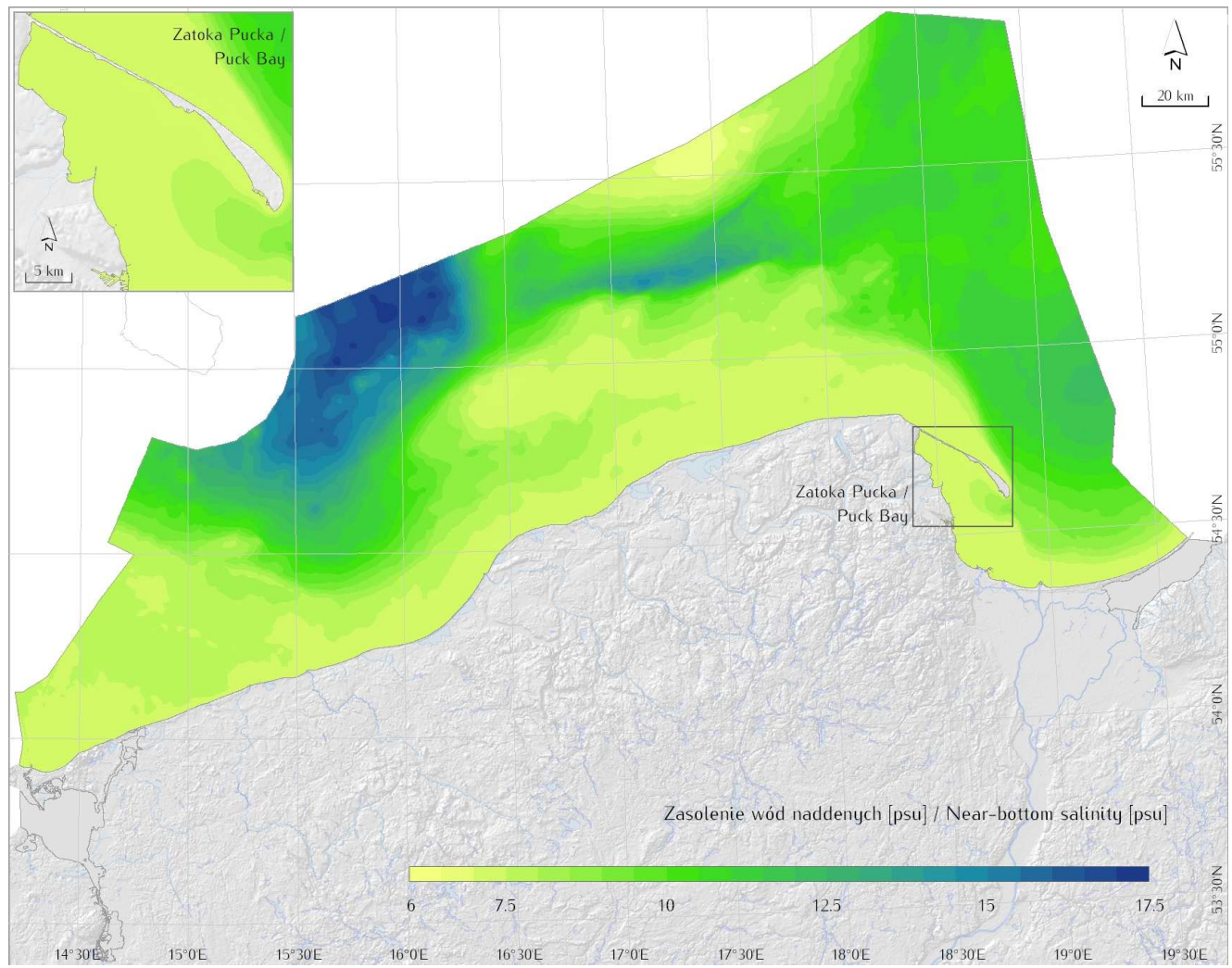


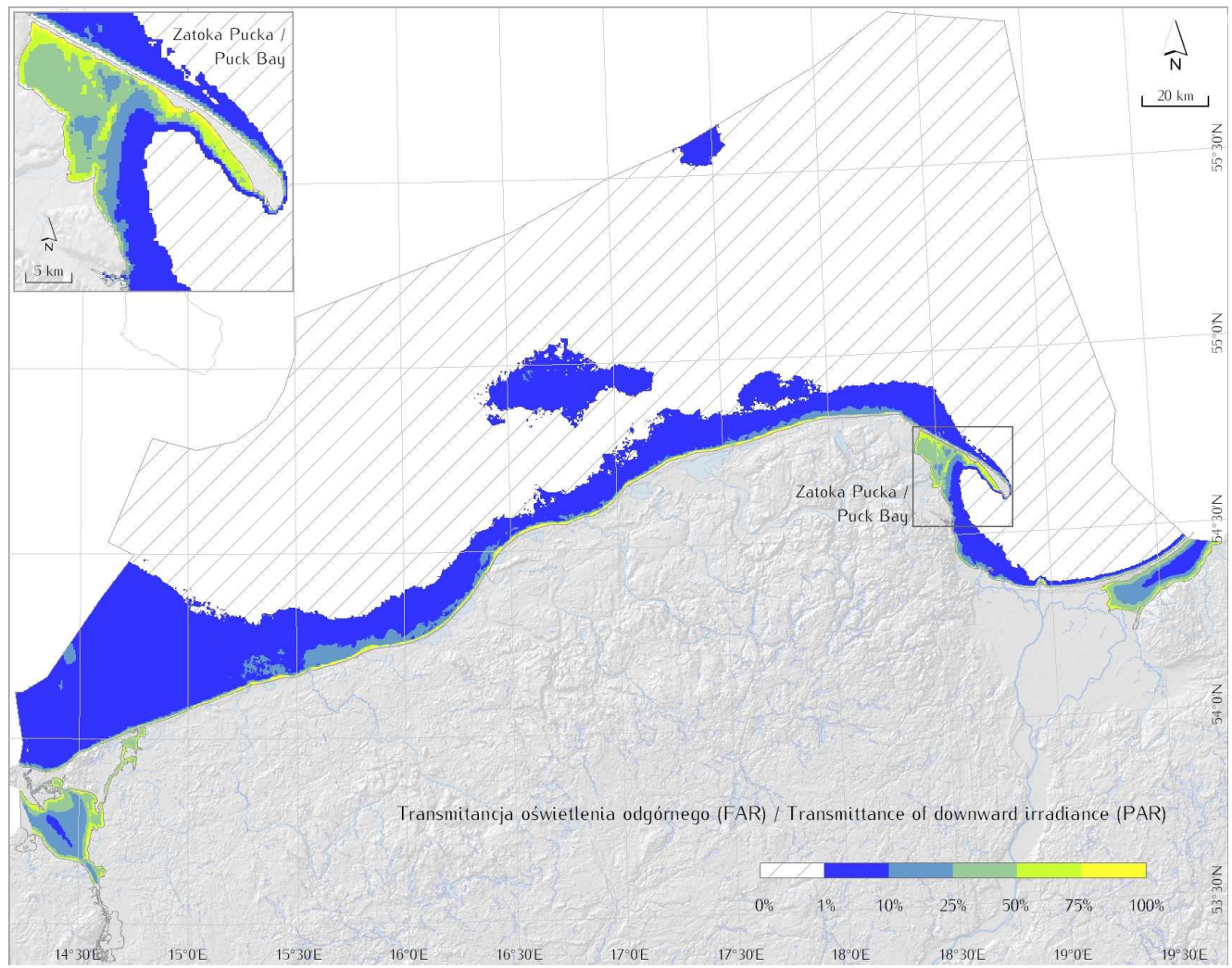


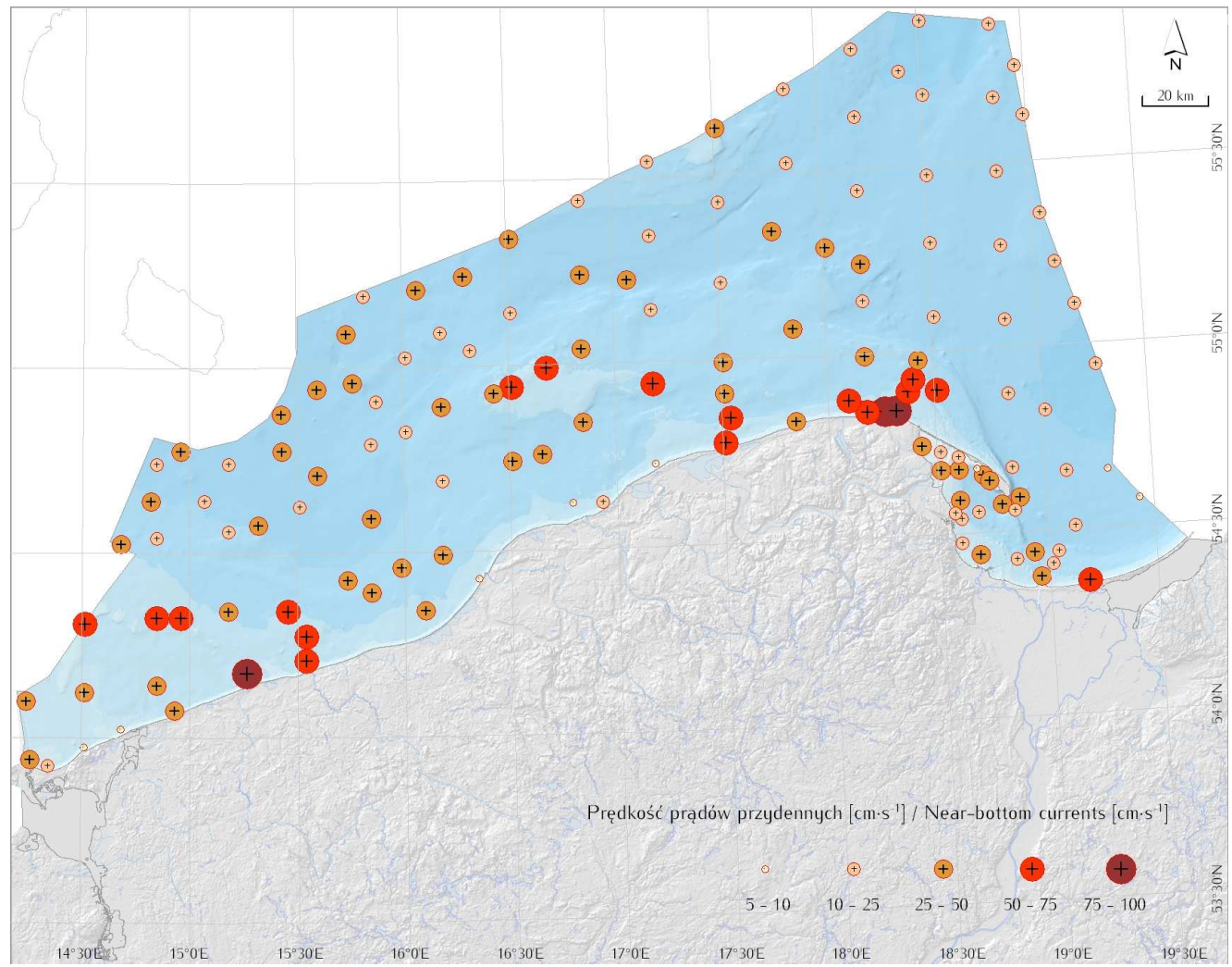


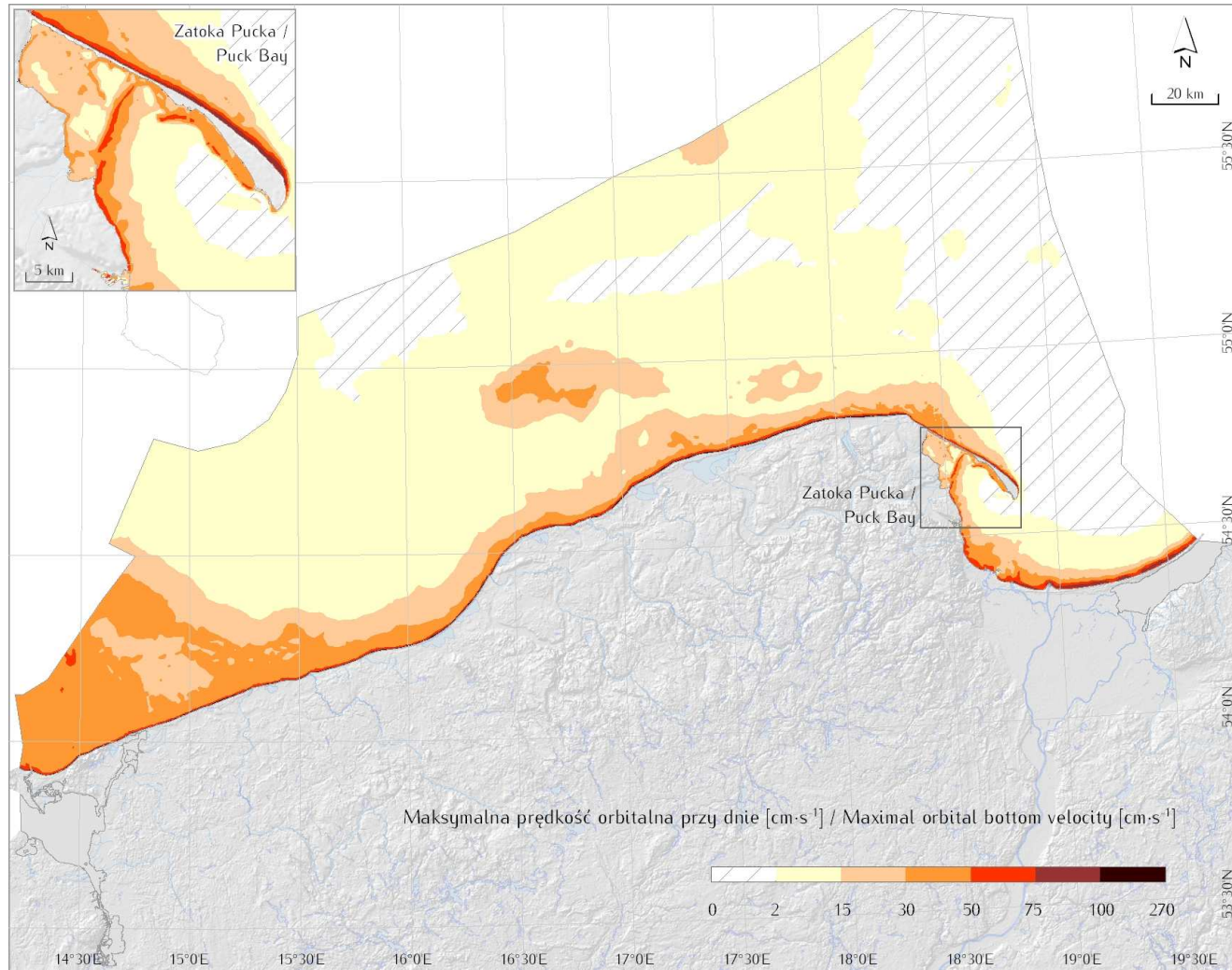




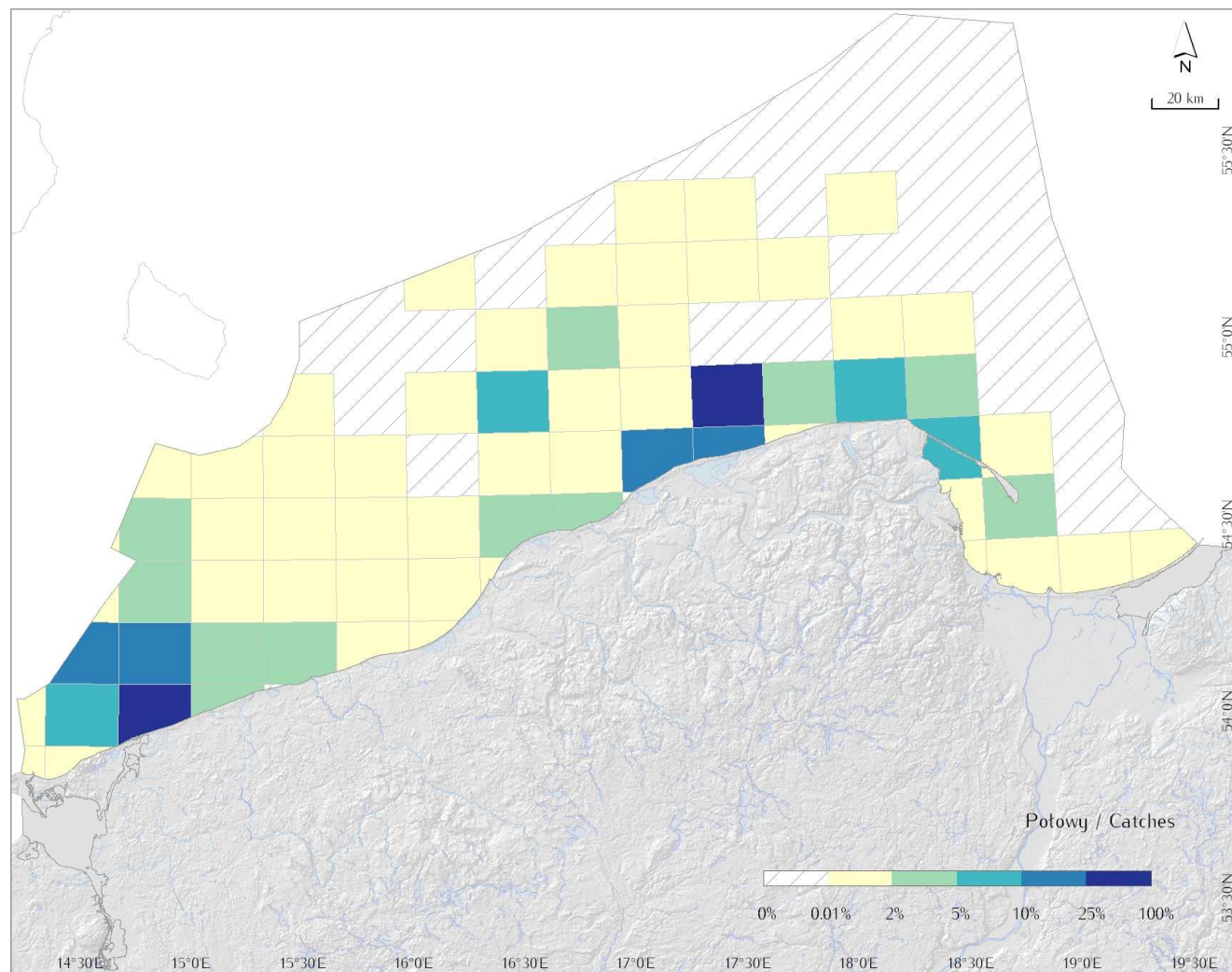




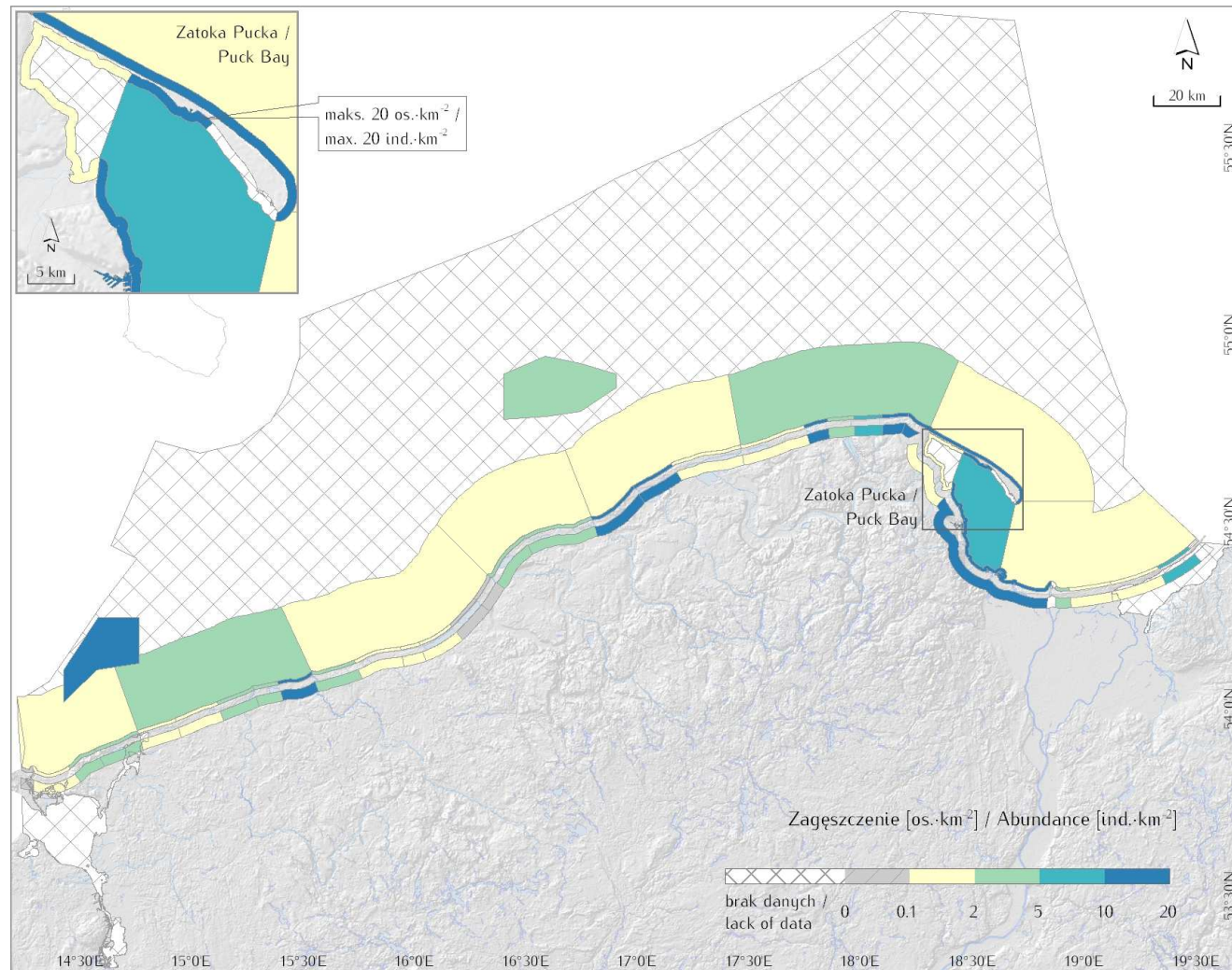




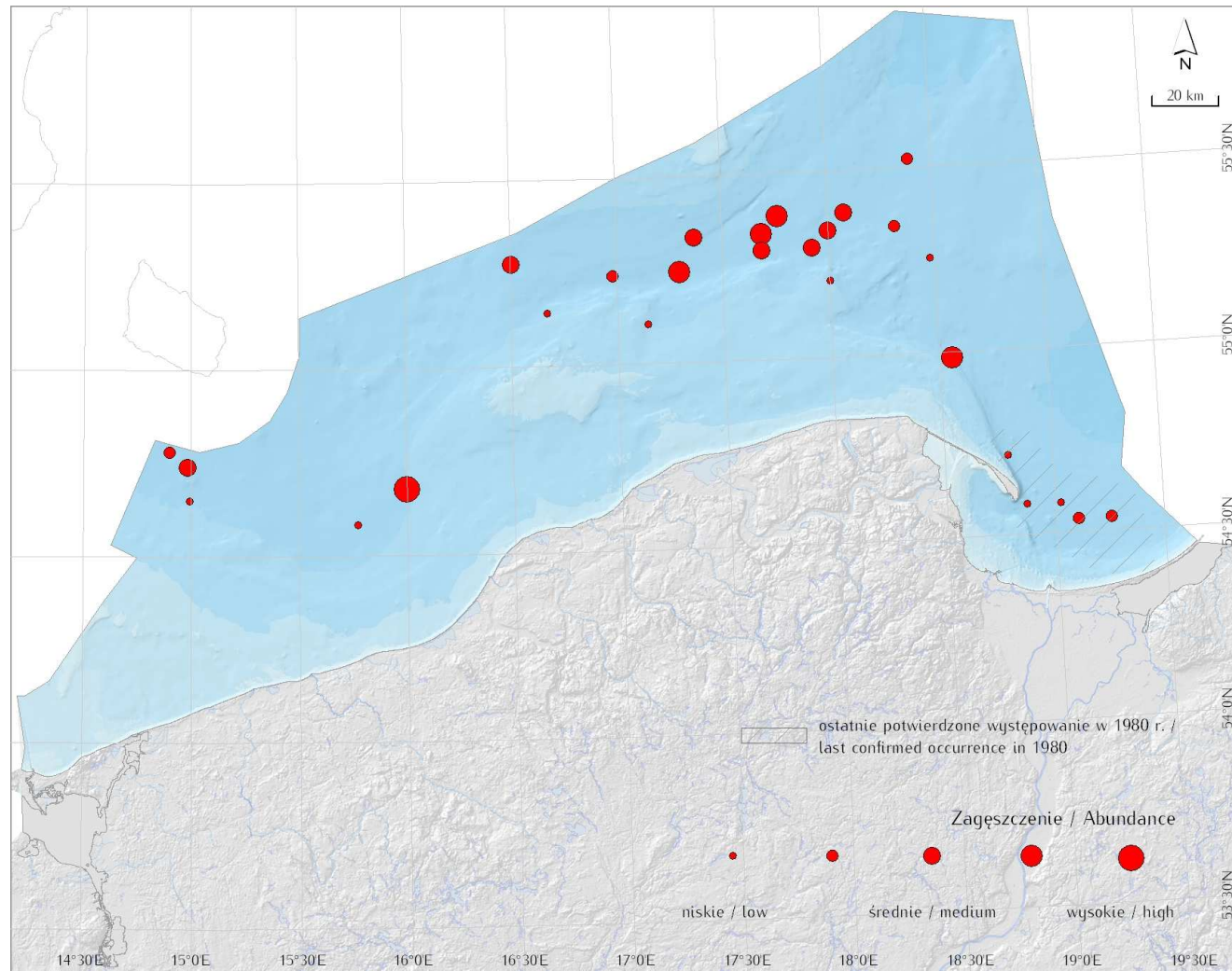
Scopthalmus maximus - turbot

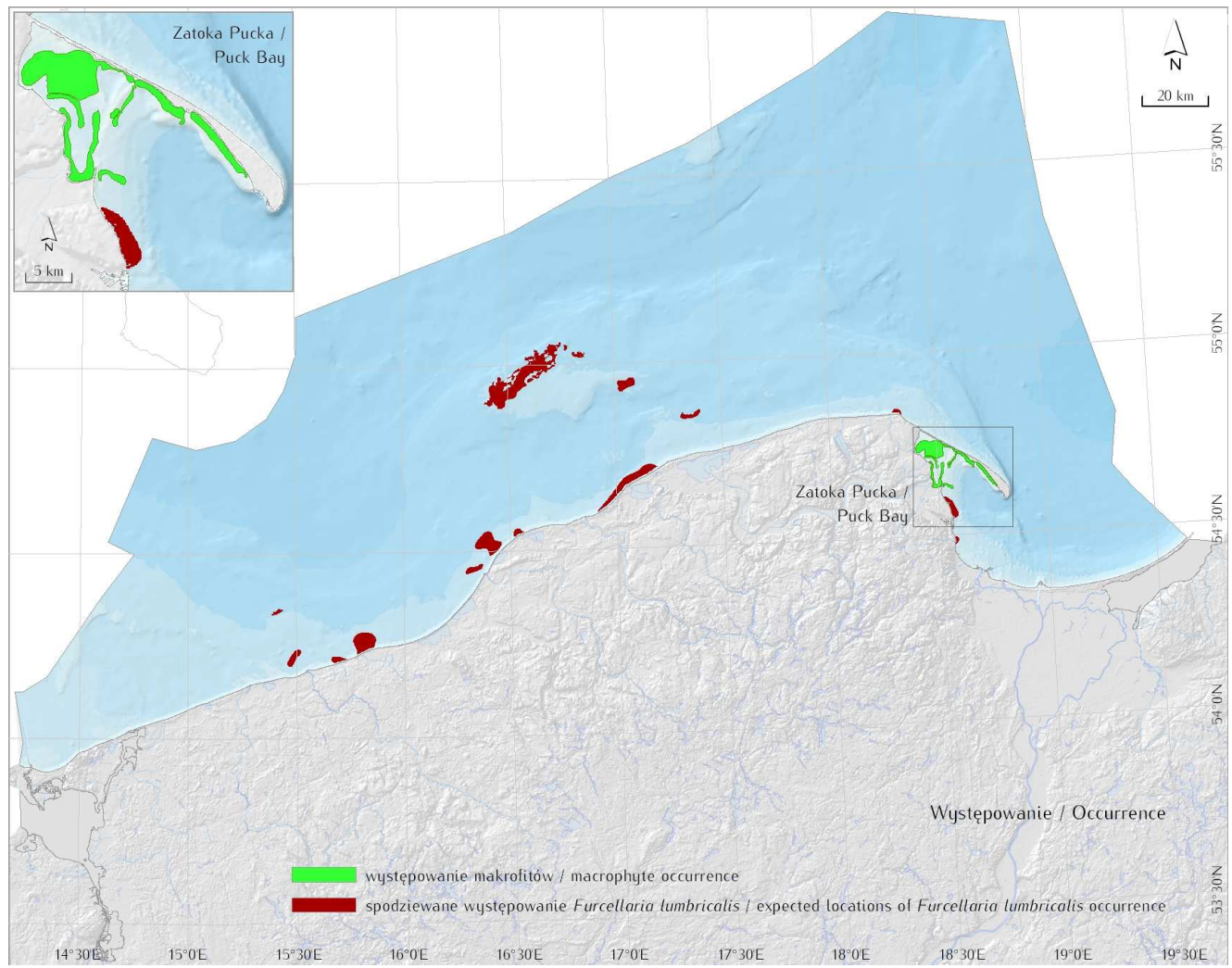


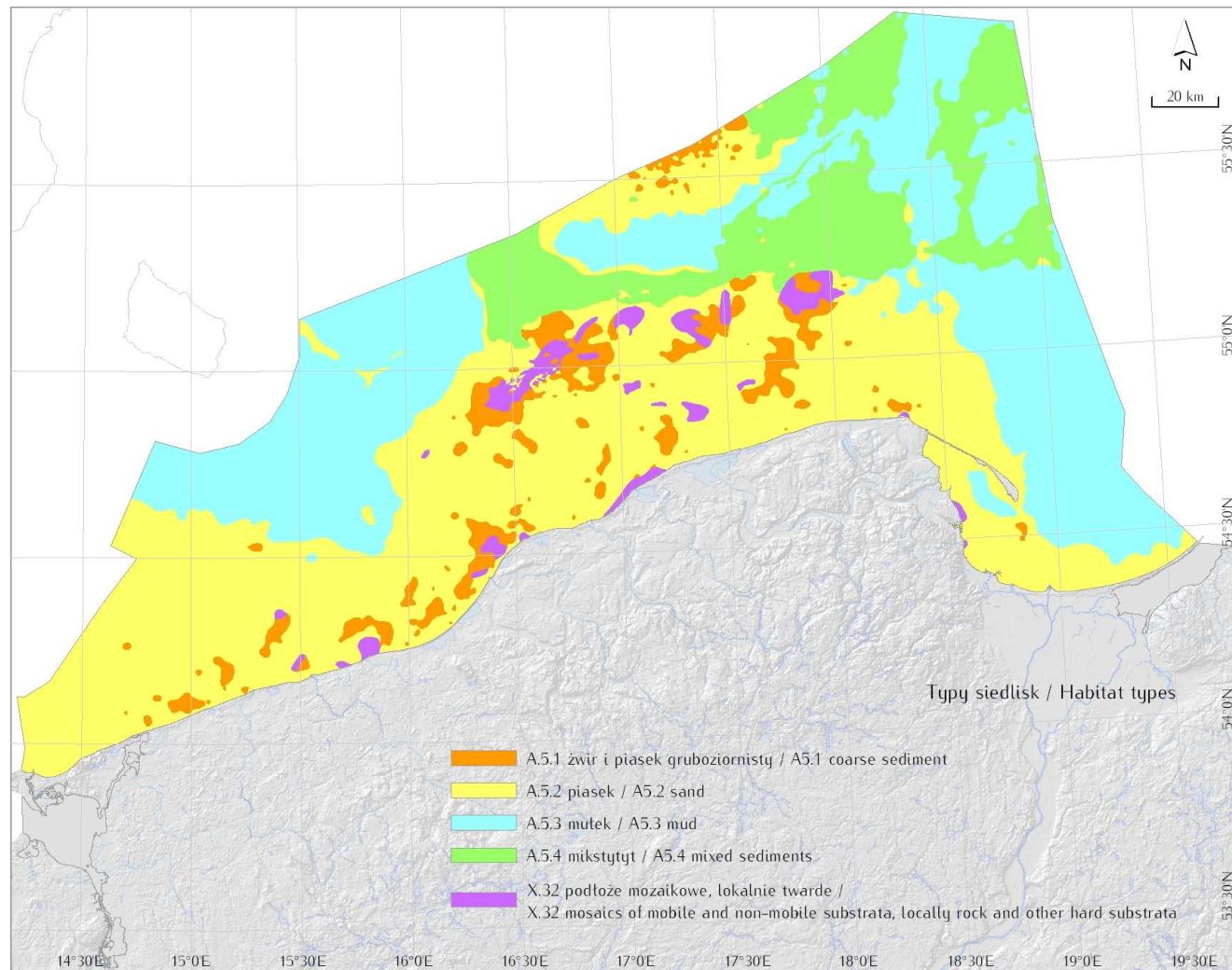
Clangula hyemalis

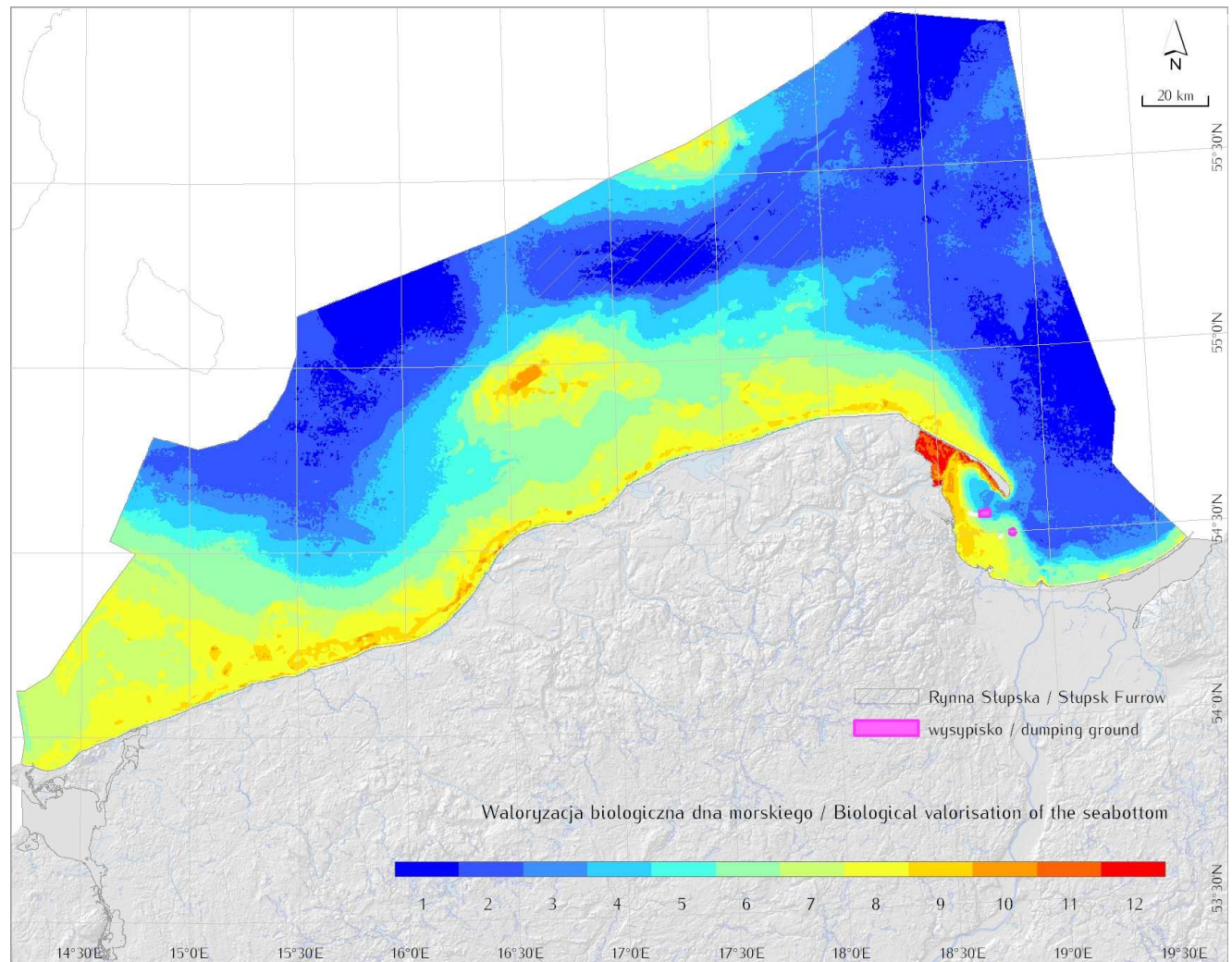


Scoloplos armiger

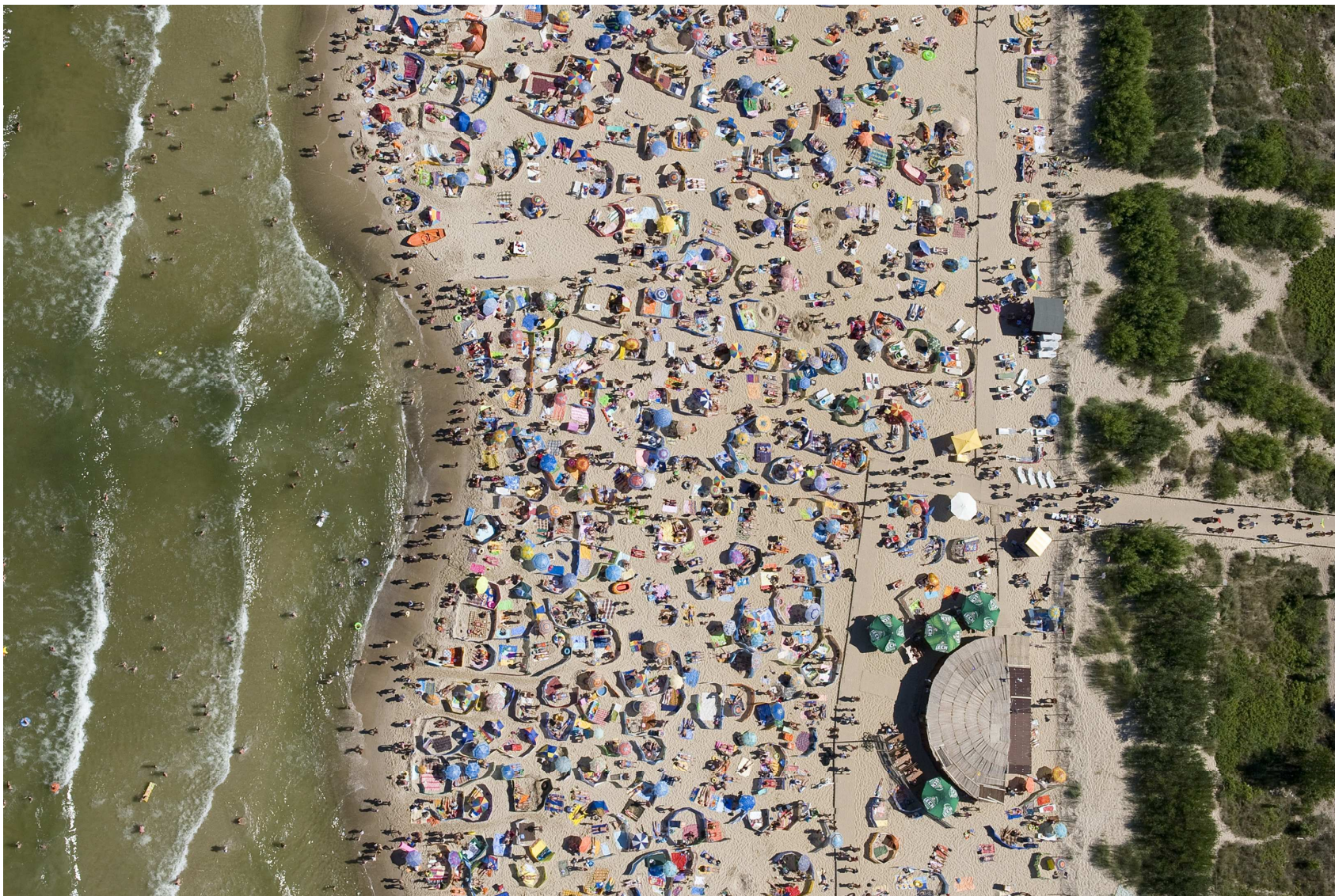








1200 aerial photos from 60km long recreational coast



Case study – Polish coastal waters (below 20m depth)

We have completed:

the basic environmental data (bathymetry, temperature, salinity, light regime, sediments) for the coastal waters.

Data are provided as GIS maps (shapefiles) as well as literature and archives survey

basic data on pelagic and benthic biota occurrence, habitats and key species occurrence (literature and archives survey)

biological and socioeconomic valorization on biota and species, based on methodology published by Weslawski et al. 2009

basic assumptions for the methodology of socio- cultural valorization

detailed survey of the Gdansk Bay coastal belt use (1500 aerial photos) – to be analysed before March 2010

list functional and structural links between analysed factors and processes

data for the local effects of sea level rise scenario (literature)

ECOSUPPORT anquetting

output needed from other WP

prediction for Southern Baltic of temperature rise

prediction for Southern Baltic of salinity drop – precipitation

prediction for Southern Baltic of wind pattern

prediction for Southern Baltic of nutrient load

next

- For the first half of 2010 we aim for:
- compilation of collected data and setting the reference state of the coastal ecosystem before 1950 (archival survey).
- Socio- economic analyse of coastal belt use with indication of goods and services prone to climate change