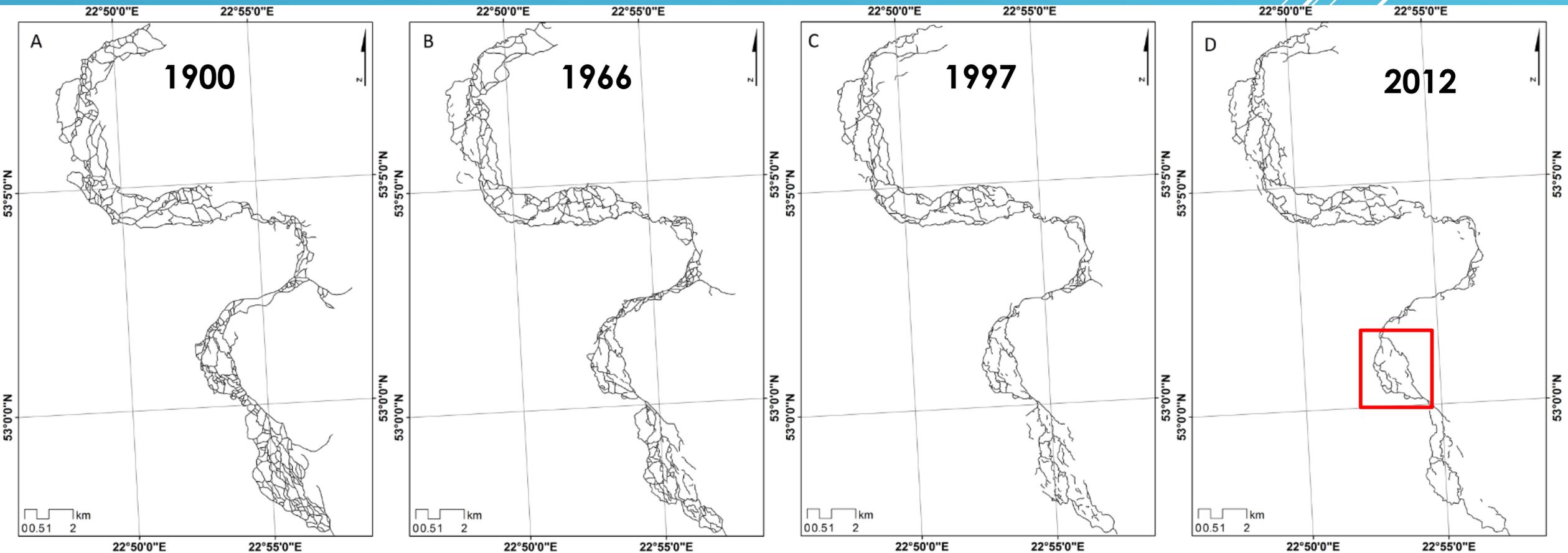


EVALUATION OF CONSERVATION MEASURES IMPACT ON FLOW DISTRIBUTION IN THE ANASTOMOSING RIVER NAREW

Paweł MARCINKOWSKI, Adam KICZKO and Tomasz OKRUSZKO

Department of Hydraulic Engineering, Warsaw University of Life Sciences



Channel planform changes over time

1D model of water flow

Manning's n

($m^{-1/3}s$)

- 0.027 - 0.030
- 0.031 - 0.040
- 0.041 - 0.050
- 0.051 - 0.060
- 0.061 - 0.070
- > 0.07



Protection measures:

- Channel vegetation removal
- Channel dredging
- Water damming

Protection measure application – increasing extent

