ikg

Institut für Kartographie und Geoinformatik   **Leibniz Universität**
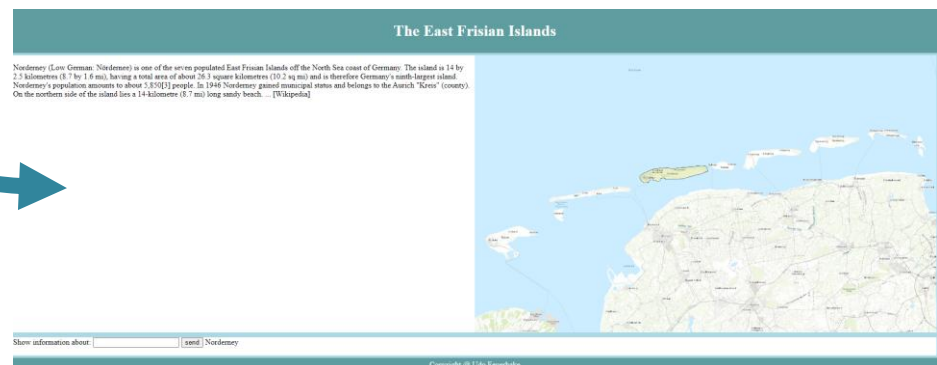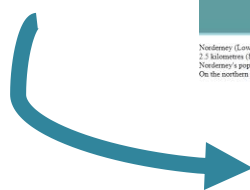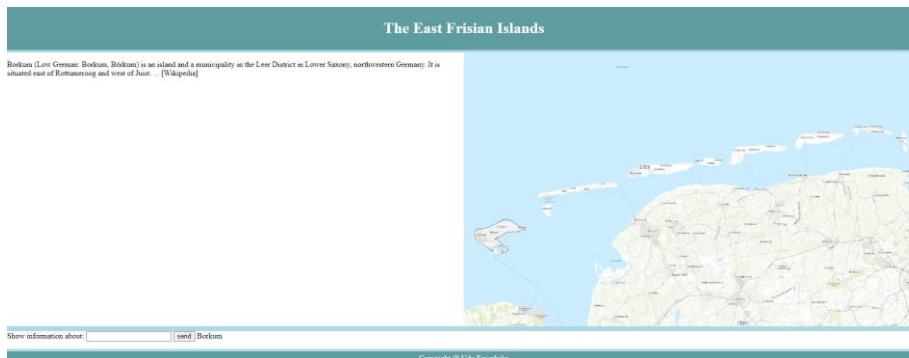Prof. Dr.-Ing. habil. Monika Sester   **Hannover**

Internet-GIS WS25/26

Task 2:

Given your website, containing the static map of the last exercise your next task is to extend your web page by adding user interaction possibilities, which are described below.

1. **Problem: Interactively show further information**
   a. Change the descriptive text on the left of the page <u>and</u> the world pic depending on user interaction. Change it related to the pointed map area.
   b. Change the descriptive text on the left of the page depending on user input in a new form

2. **Problem: Map scaling**
   The current map image is sized via relative page dimensions. However, the given (hard-coded) map areas are given in absolute coordinates. This might lead to problem that if the dimensions of the map image (or the browser window) change, the map areas will not work properly. Please fix that!
   One approach to fix it:
   - Use JavaScript to adjust map area coordinates when rescaling window
   - Hint: map area coordinates are related to half size of world image (1495*998 px)

For solving these tasks, you can use some files given in in the exercise folder.

Please upload your results to StudIp into the exercise folder.