This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.
Floods & Vulnerability analysis
<table>
<thead>
<tr>
<th>Timetable</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.00h to 11.00h</td>
<td>Theoretical Concepts Discussion</td>
</tr>
<tr>
<td>11.00h to 11.30h</td>
<td>Coffe break</td>
</tr>
<tr>
<td>11.30h to 13.00h</td>
<td>Hands On Exercises. Workshops &amp; Tutorials</td>
</tr>
<tr>
<td>13.00h to 14.30h</td>
<td>Free Lunch</td>
</tr>
<tr>
<td>14.30h to 17.30h</td>
<td>Working Groups: Developing the Project</td>
</tr>
</tbody>
</table>
Main tasks to develop within the project:

+ Data editing and Data preparation
+ Spatial analysis
+ Creation of OWS
+ Publication of OWS
Examples of analysis to do:

+ Refinement of flooding cartography for different return periods
+ Analysis and cartography of Risk Exposition
+ Analysis of vulnerability inside flooding areas:
  + cultural heritage, demography and socio-economical structure of the population, quality and buildings structure, …
+ Locate intersections between roads and rivers
+ Locate the most vulnerable population and identify areas of special surveillance in case of risk.
Examples of analysis to do:

+ Analysis of communication routes cut off by flooding areas, and search for alternatives
+ Analysis of accessibility to services with vulnerable population: hospitals, schools, geriatric care...
+ ...

...
Data available

+ Flooding areas for different return periods
+ Predict the flooding area and estimate the population to evacuate
+ Municipal services:
  + Health Services
  + Cultural centers
  + Buildings of cultural interest
  + Schools
  + Community centers
Data available

+ Origin of People
+ Structure of the Population
+ LiDAR data
+ ...
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