

**Programme: BioMove QGIS-course**

**20<sup>th</sup> February 2019 in Golm**

Time (circa)	Part	Contents	Details
<b>8:45 am</b>	Welcome	Introduction	Introduction, expectations/aims, presentation of the programme
<b>9:00 – 9:45</b>	Introduction	General introduction to geographical information systems (GIS)	<ul style="list-style-type: none"> <li>- Definition: GIS</li> <li>- Coordinate systems</li> <li>- Types of GIS</li> <li>- Sources of geodata</li> </ul>
<b>9:45 – 10:45</b>	QGIS I	Basic introduction to QGIS	<ul style="list-style-type: none"> <li>- First steps on the desktop</li> <li>- Opening data</li> <li>- Symbols/layout/views</li> <li>- Attribute tables</li> </ul>
<b>10:45 – 11:00</b>	<i>Coffee break</i>		
<b>11:00 – 13:00</b>	QGIS I	Basic introduction to QGIS	<ul style="list-style-type: none"> <li>- Basic geoprocessing</li> <li>- Plug-ins</li> <li>- Free maps</li> <li>- Creating maps</li> </ul>
<b>13:00 – 14:00</b>	<i>Lunch break</i>		
<b>14:00 – 15:45</b>	QGIS II	QGIS for advanced users	<ul style="list-style-type: none"> <li>- Field calculator</li> <li>- Digitising</li> <li>- Specific Plug-ins of interest</li> </ul>
<b>15:45 – 16:00</b>	<i>Coffee break</i>		
<b>16:00 – 17:30</b>	QGIS II	QGIS for advanced users	<ul style="list-style-type: none"> <li>- Raster-specific applications</li> <li>- Georeferencing</li> <li>- SQL queries</li> <li>- Specific Plug-ins of interest</li> </ul>
<b>17:30</b>	Debriefing	Discussion, questions and feedback	
<b>Ca. 18:00</b>	End	MLL will be available afterwards to address project-specific questions	

Participants are kindly asked to bring their notebooks/laptops with installations of **QGIS with GRASSGIS** (version 2.18 or earlier; <https://qgis.org/en/site/forusers/download.html>) and a software to **unzip** files.

The course requires internet access!