

Environmental data management and analysis with GIS

M. Ciolli – A. Vitti - P. Zatelli 2024

							A	M	P
2024 March		Room	Hours		Lecturer				
Monday	11	8:30-10:30	1H	2	2 P	Introduction to GIS and numerical cartography			2
Monday	11	10:30-12:30	1H	2	4 P	GIS theory, tools and data			2
Monday	11	13:30-15:30	1H	2	6 P	Cartographic projections, reference systems and their transformations			2
Monday	11	15:30-17:30	1H	2	8 M	Overview of GIS applications		2	
Tuesday	12	8:30-9:30	1H	1	9 M	Spatial databases, theory, tools and data			1
Tuesday	12	9:30-10:30	1H	2	11 M	GRASS GIS: features, logical structure and usage			2
Tuesday	12	10:30-12:30	1H	1	13 M	GRASS GIS: projects, data I/O. Tutorial			1
Tuesday	12	13:00-15:00	1H	2	15 MP	GRASS Tutorial			2 2
Tuesday	12	15:00-17:00		2	17 MP	GRASS Tutorial			2 2
Wednesday	13	8:30-10:30	1H	2	19 P	Digital geographic data sources – Geoprocessing			2
Wednesday	13	10:30-12:30	1H	2	21 P	Network analysis – Thematic maps			2
Wednesday	13	13:00-15:00	1H	2	23 A	GRASS and R	2		
Wednesday	13	15:00-17:00	1H	2	25 MP	GRASS Tutorial			2 2
Thursday	14	8:30-10:30	1H	2	27 P	Geoservices			2
Thursday	14	10:30-12:30	1H	2	29 A	Image analysis for environmental applications Optical remote sensing	2		
Thursday	14	13:00-15:00	1H	2	31 M	QGIS			2
Thursday	14	15:00-17:00	1H	2	33 MP	QGIS Tutorial			2 2
Friday	15	8:30-10:30	1H	2	35 MP	Map Algebra			2 2
Friday	15	10:30-12:30	1H	2	37 MP	QGIS Tutorial			2 2
Friday	15	13:00-15:00	1H	2	39 AMP	Tutorial on environmental GIS applications	2	2	2
Friday	15	15:00-17:00	1H	2	41 AMP	Tutorial on environmental GIS applications	2	2	2
			40	TOT			8	24	28