



Module 6: Mapping and monitoring - GIS and Remote Sensing

Theme	Subject	Hours	Teacher
GIS	Structure and functioning of geographical information systems (4)	4	Fumagalli / Rovelli
	Open source software and open data	4	Ferrario
	Workshop: Information gathering an organisation in a GIS	4	
Remote sensing	Approach to remote sensing	4	Manfron
	Workshop: land use analysis with remote sensing	4	Ranghetti
	Seminar on MARS bulletins	2	Manfron
	Seminar on Entropy based approach for land use classification in Nord Kivu, DRC	2	Borgogno/De Petris
	Seminar on Detecting deforestation and forest degradation	2	Vacchiano
Module conclusion	Evaluation and feed-back	2	
	Total Hours	28	
	<i>Standard teaching</i>	12	
	<i>Seminar</i>	6	
	Workshop	8	