

INTERNATIONAL SCHOOL: SELECTED TOPICS IN SOIL POLLUTION – PROGRAMME
MONITORING, FATE AND TOXICITY OF TOXIC COMPOUNDS IN THE TERRESTIRAL ENVIRONMENT

TIME	Monday, 29.11.2010	Tuesday, 30.11.2010	Wednesday, 1.12.2010	Thursday, 2.12.2010	Friday, 3.12.2010
9.00 – 9.45 LECTURE I		INTRODUCTION TO ENVIRONMENTAL POLLUTION Prof. Mladen Franko	SOIL POLLUTION - INORGANIC POLLUTANTS Prof. Polonca Trebše	ENVIRONMENTAL MONITORING Prof. Julia Burnett	MID TERM EXAM
9.45 – 10.30 LECTURE II		SOURCES OF TOXIC CHEMICALS IN THE ENVIRONMENT Prof. Polonca Trebše	SOIL POLLUTION – ORGANIC POLLUTANTS Prof. Polonca Trebše	SAMPLING METHODS Prof. Julia Burnett	PRACTICAL INSTRUCTIONS ON CHEMICAL ANALYSIS Tina Jerman
10.30 – 11.15 LECTURE III		SOIL COMPONENTS Prof. Dr. Marco Contin	WASTES AS SOIL POLLUTANTS	ANALYTICAL METHODS – INORGANIC POLLUTANTS Prof. Trajče Stafilov	LABORATORY WORK – UNG Rožna Dolina
11.15 – 11.45		BREAK	BREAK	BREAK	
11.45 – 12.30 LECTURE IV		SOIL ORGANIC MATTER prof. Marco Contin	SOIL REMEDIATION (Inorganic pollutants) prof. Marco Contin	ANALYTICAL METHODS – INORGANIC POLLUTANTS Prof. Trajče Stafilov	
12.30 – 13.15 LECTURE V		RETENTION, TRANSFORMATION AND MOBILITY OF TOXIC METALS IN SOIL prof. Marco Contin	SOIL PHYTOREMEDIATION TECHNIQUES FOR LAND RECLAMATION prof. Guido Fellet	ANALYTICAL METHODS – ORGANIC POLLUTANTS Prof. Mariella Bruzzonitti	
13.15 – 15.00	REGISTRATION OF PARTICIPANTS	LUNCH	LUNCH	LUNCH	LUNCH
14.45 – 15.30 LECTURE VI		METALS SPECIATION IN CONTAMINATED SOILS prof. Marco Contin	CONSTRAINTS AND POSSIBILITIES OF REMEDIATION IN FORMER MINE SITES: THE CASE OF EUROPEAN UNION dr. Hector Conesa	ANALYTICAL METHODS – ORGANIC POLLUTANTS Prof. Mariella Bruzonitti	
15.30 – 16.15 SEMINARS		CASE STUDIES:	CASE STUDIES:	ROUND TABLE – SISS Environemntal Commission	
16.15 – 17.00 SEMINARS	18.00 OPENING CEREMONY GET TOGETHER PARTY	STUDENT PRESENTATIONS ABOUT THEIR RESEARCH WORK AND DISCUSSION	STUDENT PRESENTATIONS ABOUT THEIR RESEARCH WORK AND DISCUSSION	CONTAMINATION OF MINE SITES: OPPORTUNITIES OF REMEDIATION	

TIME	Monday, 6.12.2010	Tuesday, 7.12.2010	Wednesday, 8.12.2010	Thursday, 9.12.2010	Friday, 10.12.2010	Saturday, 11.12.2010	
9.00 – 9.45 LECTURE I	INTRODUCTION TO ECOTOXICOLOGY Prof. dr. Damjana Drobne	PHYSIOLOGICAL EFFECTS OF POLLUTANTS Dr Simonetta Lorenzon	FINAL EXAM	EMEC 11	EMEC 11	EMEC 11	
9.45 – 10.30 LECTURE II	ECOTOXICOLOGY IN TERRESTRIAL ECOSYSTEMS Prof. dr. Damjana Drobne	INTERACTIVE EFFECTS OF POLLUTANTS Dr Simonetta Lorenzon	THEORETICAL AND PRACTICAL APPROACH IN CELLULAR OXIDATIVE STRESS Dr A Dardis / Dr M Deganuto	MICROSCOPY MARKERS TO TEST CELLULAR RESPONSES - MORPHOLOGICAL ASPECTS OF CYTOTOXICITY doc. Dr. Elsa Fabbretti	ENVIRONMENTAL MONITORING see web page	TOXICITY OF NANOPARTICLES see web page	MATERIALS FOR CLEAN TECHNOLOGIES see web page
10.30 – 11.15 LECTURE III	TOXICITY TESTING Prof. dr. Damjana Drobne	BIOMARKERS OF GENOTOXICITY IN POLLUTION BIOMONITORING. Prof. Dr. Goran Klobucar	LABORATORY WORK – UNG Ajdovščina Olga Malev				
11.15 – 11.45	BREAK	BREAK					
11.45 – 12.30 LECTURE IV	TYPES AND ROUTES OF EXPOSURE Prof. dr. Damjana Drobne	BIOLOGICAL MONITORING Prof. dr. Tatjana Tišler					
12.30 – 13.15 LECTURE V	CELLULAR AND BIOCHEMICAL EFFECTS OF POLLUTANTS AND HEALTH Prof. Dr. Tamas Koszegi	RISK ASSESSMENT AND INTERPRETATION OF TOXICOLOGICAL DATA Prof. dr. Tatjana Tišler		LUNCH	LUNCH	LUNCH	
13.15 – 15.00	LUNCH	LUNCH	LUNCH				
14.45 – 15.30 LECTURE VI	NEW MOLECULAR TOOLS FOR POLLUTANT DETECTION AND ENVIRONMENT DECONTAMINATION Dr. Ario de Marco	RISK ASSESSMENT AND INTERPRETATION OF TOXICOLOGICAL DATA Prof. dr. Tatjana Tišler					
15.30 – 16.15	CASE STUDIES:	CASE STUDIES:					
16.15 – 17.00 SEMINARS	STUDENT PRESENTATIONS ABOUT THEIR RESEARCH WORK	STUDENT PRESENTATIONS ABOUT THEIR RESEARCH WORK	DEPARTURE to Portorož				

Participaints and contributors

Prof. Mladen Franko

Prof. Polonca Trebše

Prof. Dr. Marco Contin

Prof. Guido Fellet

Dr. Hector Conesa

Prof. Julia Burnett

Prof. Trajče Stafilov

Prof. Mariella Bruzzonitti

Prof. dr. Damjana Drobne

Prof. Dr. Tamas Koszegi

Dr. Ario de Marco

Dr Simonetta Lorenzon

Prof. Dr. Goran Klobucar

Prof. dr. Tatjana Tišler

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