

“Contaminated Sites” Training Course Program Chania, 12 – 16 October 2015

Technical University of Crete
School of Environmental Engineering
Laboratory of Toxic and Hazardous wastes

Training course: “Contaminated Sites”

Monday 12 October 2015

10:00 - 10:30: Welcome addresses

Prof. Vasilios Digalakis, Rector of TU Crete

Prof. Evangelos Gidakos, School of Environmental Engineering

Monday, October 12th

Topic 1: Petroleum Contaminated Sites

10:30 - 11:30: “Soil and Groundwater Contamination from Petroleum Products”

Dr. Maria Aivalioti

11:30 - 12:30: “Petroleum Contaminated Soil and Groundwater Remediation Technologies”

Dr. Maria Aivalioti

12:30 - 13:00: Coffee Break

13:00 - 14:00: “Remediation and monitoring of a petroleum Remediation petroleum refinery site using innovative methods”

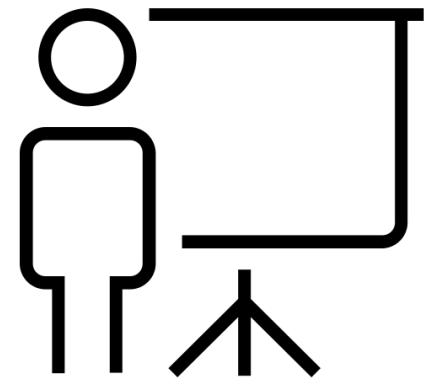
Prof. Evangelos Gidarakos

14:00 - 16:00: Lunch Break

16:00 - 17:00: “Laboratorial research on the remediation of petroleum contaminated soils and water”

Dr. Fotini Simantiraki

17:00 - 18:00: Discussion



Tuesday, October 13th

Topic 2: Mining waste and Mining restoration

09:30 -10:30: Management of mining waste

Prof. Konstantinos Komnitsas

10:30 - 11:30: “Introduction to asbestos as mineral and asbestos containing materials”

Katerina Valouma, Dipl. Rural & Surveyor Engineer, MSc

11:30 - 12:00: Coffee Break

12:00 - 13:00: “Treatment methods of asbestos and asbestos cement containing waste materials.”

Katerina Valouma, Dipl. Rural & Surveyor Engineer, MSc

13:00 - 14:30 Lunch Break

14:30 - 15:30: “Chrysotile asbestos detoxification with a combined treatment of oxalic acid and silicates producing amorphous silica and biomaterial”

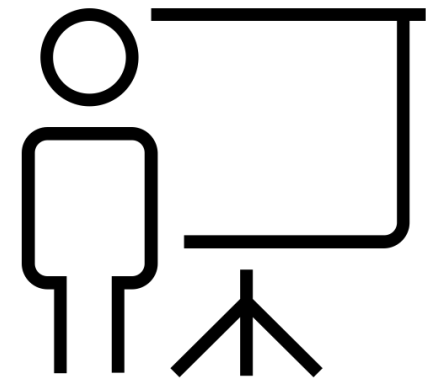
Katerina Valouma, Dipl. Rural & Surveyor Engineer, MSc

15:30 - 16:30: “Environmental rehabilitation of the Asbestos Mine of Northern Greece (MABE)”

Athanasia Kousaiti, Dipl. Environmental Engineer, MSc

16:30 - 17:00: Discussion

20:00 Dinner in Chania



Wednesday, October 14th

09:30 - 10:30: “Waste Production at Chania“
Dr. Maria Aivalioti

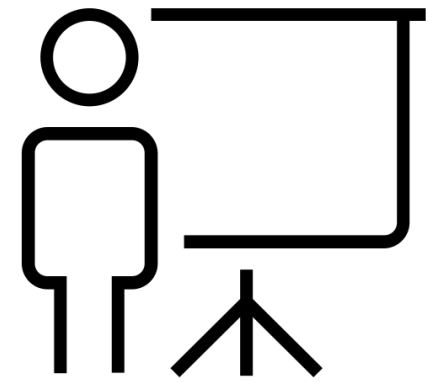
10:30 - 11:00: Coffee Break

11:00 - 11:30: Transfer

11:30 - 13:30: Technical tour to the facilities of the Intramunicipal Solid
Waste Management Corporation

13:30 - 14:00: Transfer

14:00 - 16:00: Lunch, Excursion



Thursday, October 15th

Topic 3: Case Studies

09:00 - 10:00: "Mining wastes in the Transbaikal Region"

Dr. Konstantin Razmakhnin

10:00 - 11:00: Oil Pollution Risk Assessment of Primorsky Krai Coast

Kseniy Moroz

11:00 - 11:30: Coffee Break

11:30 - 13:30: Tour to the laboratories of School of Mineral
and Resources Engineering & School of Environmental Engineering

Prof. Nikolaos Pasadakis

Eleni Kastanaki, Dipl. Chemical Engineer, MSc

13:30 - 15:00: Lunch Break

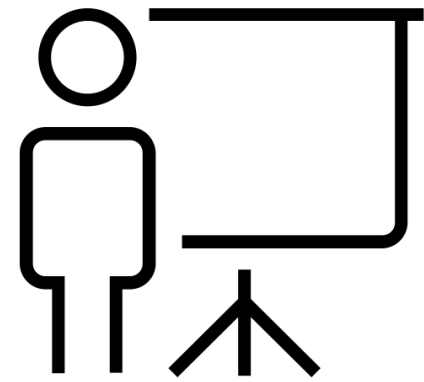
15:00 -16:00: Modern technologies in hydrocarbon fingerprinting

Prof. Nikolaos Pasadakis

16:00 - 17:00: Basic petroleum waste management practices

Dr. Fotini Simantiraki

17:00 - 17:30: Discussion



Friday, October 16th

05:00: Transfer to airport

06:30: Flight to Athens

Technical tour at the premises of HELLENIC PETROLEUM S.A.

08:00 - 09:00: Transfer to HELLENIC PETROLEUM S.A.

Topic: Technical tour at HELLENIC PETROLEUM S.A.

09:00 - 12:00: TUC applications at the refinery site: Subsoil and groundwater remediation techniques.

12:00 - 13:00: Environmental and waste management issues of refinery sites according to Greek experience.

13:00 - 14:00: Lunch

15:00: Visit in Acropolis Museum, Parthenon and old historical neighborhood of Athens.

