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Announcement of Summer School

“Use of GIS, Remote Sensing and Geostatistical tools in groundwater potential Mapping”

N° 832/2019

12th & 13th November 2019

The Higher School of Engineers of Medjez El Bab (ESIM)

In the framework of the research & development project “SMART_IWRM Medjerda” between the United States Geological Survey (USGS) and the Higher School of Engineers of Medjez El Bab (ESIM) and funded by the PEER Cycle 7 program of the National Academies of Sciences, Engineering, and Medicine (NAS) and the USAID, the ESIM organize a Summer School on the “Use of GIS, Remote Sensing and Geostatistical tools in groundwater potential Mapping”.

Notes :

- The participant should have a good knowledge on GIS and the ARCGIS software
- The number of places is limited to 15 participants (PhD students, Master students, Engineers students, Researchers, Engineers)

Registration

In order to register you should be inscribed using this link :
https://docs.google.com/forms/d/e/1FAIpQLSdpauj80FBDsoi3HMAUly8fMKH5ocQipLsR1RNpPMg4qlelg/viewform?usp=sf_link

Contact:

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General Director of the ESIM

Prof. Hassen Kharroubi
Le Directeur Général
à l'Ecole Supérieure des Ingénieurs
Medjez El Bab
Signé: KHARROUBI Hassen

AGENDA

Tuesday, 12th November 2019

When	Activities	Instructor
08:00-08:15	Registration	
08:15-10:00	Lecture 1 : Application of GIS, Remote Sensing and Geostatistical tools in groundwater potential Mapping	Fatma Trabelsi
10:00-10:15	Coffee Break	
10:15-11:00	Lecture 2 : Presentation of Frequency Ratio Model	Fatma Trabelsi
11:00-12:00	Practical Exercise : Data preparation using ARCGIS and SAGA GIS	Fatma Trabelsi Salsabil Bel Hadj Ali Yosra Jouini
12:00-13:00	Lunch	
13:00-14:00	Practical Exercise : Data preparation using ARCGIS and SAGA GIS	Fatma Trabelsi
14:00-17:00	Practical Exercise : GIS Data Processing using ArcGIS	Fatma Trabelsi Salsabil Bel Hadj Ali Yosra Jouini

Wednesday, 13th November 2019

When	Activities	Instructor
08:15-10:00	Lecture 3 : Application of Frequency Ratio Model on groundwater mapping	Fatma Trabelsi
10:00-10:15	Coffee Break	
10:15-12:00	Practical Exercise : Application of Frequency Ratio Model using GIS	Fatma Trabelsi Salsabil Bel Hadj Ali Yosra Jouini
12:00-13:00	Lunch	
13:00-16:45	Practical Exercise : Mapping & Validation of groundwater potential Mapping	Fatma Trabelsi Salsabil Bel Hadj Ali Yosra Jouini
16:45-17:00	Presentation of formation certificates & Closing	Hassen Kharroubi Fatma Trabelsi Slaheddine Khelifi