

Suggested research topics

Winter semester of the academic year 2019/2020

Course name in Arabic:	البحيرات والمياه الداخلية
Course name in English:	Limnology.
Professor Dr.:	Mohamed Zayed.
Level:	3rd year.
Department:	Aquaculture.

No.	Research title	Research items
1	Physical Limnology	<ol style="list-style-type: none"> 1- Lake Basin characteristics 2- Light and temperature 3- Heat balance 4- Water balance 5- Wind and water movement
2	Chemical Limnology	<ol style="list-style-type: none"> 1- carbon cycle 2- Phosphates, nitrates, and sulphates 3- Organic matter
3	Biological Limnology	<ol style="list-style-type: none"> 1- Primary production 2- Phytoplankton 3- Algae 4- Benthos
4	Types of aquatic ecosystem	<ol style="list-style-type: none"> 1-Fresh water ecosystems 2-marine aquatic ecosystems 3-Lake origin
5	Manzala Lake	<ol style="list-style-type: none"> 1- Origin 2- General Description 3- Physical, chemical, and biological characteristics 4- Main challenges 5- Recommendations
6	Burullus Lake	<ol style="list-style-type: none"> 1- Origin 2- General Description 3- Physical, chemical, and biological characteristics 4- Main challenges 5- Recommendations
7	Bardawil Lake	<ol style="list-style-type: none"> 1- Origin 2- General Description 3- Physical, chemical, and biological characteristics 4- Main challenges 5- Recommendations
8	Edku Lake	<ol style="list-style-type: none"> 1- Origin 2- General Description 3- Physical, chemical, and biological characteristics 4- Main challenges 5- Recommendations

Course Instructor:

Name: Mohamed Zayed

Signature: Mohamed zayed

No.	Research title	Research items
9	Mariout Lake	1- Origin 2- General Description 3- Physical, chemical, and biological characteristics 4- Main challenges 5- Recommendations
10	Nasser Lake	1- Origin 2- General Description 3- Physical, chemical, and biological characteristics 4- Main challenges 5- Recommendations

Course Instructor:

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