

# **Curriculum Vitae**

**Dr. Hoda Abd El Aziz Mohamed Ahmed**

King Faisal University - Faculty of Science- Biology Department  
P.O. 400 – Al-Ahsa 31982 – Kingdom of Saudi Arabia

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## **Personal Information**

• Name	Hoda Abd El Aziz Mohamed Ahmed
• Date of Birth	23 <sup>rd</sup> October 1978
• Sex	Female
• Marital status	Married
• Nationality	Egyptian
• Address	Faculty of Science - Biology Department King Faisal University P.O. 400 – Al-Ahsa 31982 Kingdom of Saudi Arabia.
• E-mail	haahmed@kfu.edu.sa

## **Academic degrees**

• September 2010	• Doctor of science from Friedrich–Alexander University, Erlangen - Nürnberg, Germany.
• August 2004	• Master of Science in Botany, section Plant Ecology Faculty of Science, Alexandria University, Egypt.
• May 1999	• Bachelor of Science in Botany – Chemistry Faculty of Science, Alexandria University, Egypt.

## **Professional positions**

• Since May 2014	• Assistant professor at Biology Department, Faculty of Science, King Faisal University, Kingdom of Saudi Arabia.
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| <ul style="list-style-type: none"> <li>• <b>Since January 2011</b></li> </ul>             | <ul style="list-style-type: none"> <li>• Lecturer at Botany and Microbiology Department, Faculty of Science, Alexandria University, Egypt.</li> </ul>           |
| <ul style="list-style-type: none"> <li>• <b>September 2004 – January 2011</b></li> </ul>  | <ul style="list-style-type: none"> <li>• Assistant lecturer at Botany and Microbiology Department, Faculty of Science, Alexandria University, Egypt.</li> </ul> |
| <ul style="list-style-type: none"> <li>• <b>September 2000– September 2004</b></li> </ul> | <ul style="list-style-type: none"> <li>• Demonstrator at Botany and Microbiology Department, Faculty of Science, Alexandria University, Egypt.</li> </ul>       |

## **Training programs and Workshops**

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| <ul style="list-style-type: none"> <li>• <b>30<sup>th</sup> November 2015</b></li> </ul>                   | <ul style="list-style-type: none"> <li>• Course report workshop offered by Deanship of Quality Assurance and Academic Accreditation- King Faisal University.</li> </ul>                          |
| <ul style="list-style-type: none"> <li>• <b>8<sup>th</sup> to 9<sup>th</sup> November 2015</b></li> </ul>  | <ul style="list-style-type: none"> <li>• Using Infographic programs in education and presentation offered by Deanship of Academic Development- King Faisal University.</li> </ul>                |
| <ul style="list-style-type: none"> <li>• <b>19<sup>th</sup> October 2015</b></li> </ul>                    | <ul style="list-style-type: none"> <li>• Training on ProQuest database offered by Deanship of Library Affairs - King Faisal University.</li> </ul>   |
| <ul style="list-style-type: none"> <li>• <b>15<sup>th</sup> - 16<sup>th</sup> February 2015</b></li> </ul> | <ul style="list-style-type: none"> <li>• Advanced word skills for writing scientific researches training program offered by Deanship of Academic Development- King Faisal University.</li> </ul> |
| <ul style="list-style-type: none"> <li>• <b>22<sup>nd</sup> - 23<sup>th</sup> December 2014</b></li> </ul> | <ul style="list-style-type: none"> <li>• Skills of researches publishing training program offered by Deanship of Academic Development- King Faisal University.</li> </ul>                        |

• 27<sup>th</sup> - 29<sup>th</sup> November 2010

• Research ethics training program offered by Faculty and Leadership Development Center - Alexandria University.

• 23<sup>th</sup> - 25<sup>th</sup> November 2010

• Preparing research project training program offered by Faculty and Leadership Development Center - Alexandria University.

• October 2006 to March 2007

• German language courses at Goethe Institute, Mannheim, Germany.

• 4<sup>th</sup> - 5<sup>th</sup> February 2006

• Effective crisis management training program offered by Faculty and Leadership Development Center - Alexandria University.

• 21<sup>th</sup> - 22<sup>th</sup> January 2006

• Credit hours training program offered by Faculty and Leadership Development Center - Alexandria University.

• 24<sup>th</sup> - 26<sup>th</sup> December 2005

• Thinking skills training program offered by Faculty and Leadership Development Center - Alexandria University.

• 31<sup>st</sup> July – 8<sup>th</sup> August 2005

• Biodiversity Monitoring Program course at Saint-Katherine protectorate, South Sinai, Egypt.

• 24<sup>th</sup> - 28<sup>th</sup> July 2005

• Effective teaching skills training program offered by Faculty and Leadership Development Center - Alexandria University.

## **Skills**

• Language

• Good command of English – CBT TOEFL (593).  
• Middle level of Germany – B2 level (European framework reference).

- Computer

- Basic knowledge in French.
- Mother tongue is Arabic.
- MS word, Excel, PowerPoint, SPSS, Sigmaplot, Reference manager, Costat.

## **Research Grant**

- October 2006 to October 2010

DAAD scholarship to do PhD in Germany

## **Memberships**

- Member of the Egyptian Botanical Society, Botany Department, Cairo University.
- Member of the Asian Allelopathy Society, China.
- Member in the Egyptian Society for Environmental Sciences (ESES), Botany Department, Faculty of Science, Suez Canal University, Ismailia 41522, Egypt,

## **Teaching Experience**

- Courses for undergraduate students

- Plant Ecology
- Plant morphology and anatomy
- Plant systematic
- General biology
- Plant Physiology (Practical)
- Plant taxonomy and Flora (Practical)
- Soil Science (Practical)

- Courses for postgraduate students

- Advanced soil science
- Phytochemistry

## Department and faculty activities

- Program specification
- Academic advising
- I shared in specification of the Biotechnology – Environmental science program for undergraduate students.
- I shared in the specification of the master and doctoral degrees programs in Plant Ecology.
- I support many undergraduate students as an academic advisor

## Research Experience

### Thesis supervision

- M.Sc. thesis
- M.Sc. thesis
- Detoxification of olive mill solid waste through some biological methods (2013).
- Biological Activity of *Moringa oleifera* Lam. (Moringaceae) Aqueous Extracts against *Citrullus lanatus* (Thunb.) (Cucurbitaceae) (2015).

## Publications

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| <b>Salam, El-Darier and Hoda Ahmed (2015)</b>  | Enhancement of drought tolerance of <i>Vicia faba</i> L. via low strength aqueous extract of <i>Nicotiana glauca</i> L. Indian Journal of Plant Sciences. 4 (3): 88 - 95.  |
| <b>Hoda Ahmed, Donat Peter Häder and Peter Richter (2015)</b>                          | Screening of photosynthetic pigments as an indicator of heavy metal stress in <i>Euglena gracilis</i> . In Biological sciences: Innovations and dynamics. Ed. new India publishing agency, New Delhi. 11: 263-278. |
| <b>Salama M. El-Darier; Hoda A. Ahmed; Sania A. Kamal and Hisham A. R. Deif (2014)</b> | Conservation approach of <i>Achillea santolina</i> L. along the northwestern Mediterranean coastal region of EGYPT: Metabolite content. International Journal of Advanced Research. 2 (12): 456-460.               |

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| <b>Hoda Ahmed, Salama M. El-Darier and Marwa H. Zein El-Dien (2014)</b>                | Effect of soil moisture content on allelotoxic activity of <i>Medicago sativa</i> L. (alfalfa) residues in <i>Zea mays</i> L. (maize) fields. Journal of global bioscience. 3(5): 835-847.     |
| <b>Salama M. El-Darier; Hoda A. Ahmed; Sania A. Kamal and Hisham A. R. Deif (2014)</b> | Conservation approach of <i>Achillea santolina</i> L. along the north western Mediterranean coastal region of EGYPT: Phytomass and mineral content. Journal of global bioscience 3(5): 848-857 |
| <b>Salama M. El-Darier, Hoda Ahmed and Marwa H. Zein El-Dien (2014)</b>                | Effect of soil type on the allelotoxic activity of <i>Medicago sativa</i> L. residues in <i>Vicia faba</i> L. agroecosystems. Journal of Taibah University for Science. 8 (2): 84–89.          |
| <b>Ahmed, H. and Häder, D-P. (2011)</b>  | Monitoring of waste water samples using ECOTOX biosystem and flagellate alga <i>Euglena gracilis</i> . Water, air and soil pollution. DOI: 10.1007/s11270-010-0552-4.                          |
| <b>Ahmed, H. and Häder, D-P. (2010)</b>  | Rapid ecotoxicological bioassay of nickel and cadmium using motility and photosynthetic parameters of <i>Euglena gracilis</i> . Environmental and Experimental Botany. 69 (1) 68 - 75.         |
| <b>Ahmed, H. and Häder, D-P. (2010)</b>  | Short-term bioassay of chlorophenol compounds using <i>Euglena gracilis</i> . Scholarly Research Exchange Ecology, Article ID 421950. Doi:10.3814/2010/421950.                                 |
| <b>Ahmed, H. and Häder, D-P. (2010)</b>  | ECOTOX: A versatile tool for Biomonitoring of Aquatic Ecosystems. Environmental Research Journal. 4 (1/2) 1- 24.   |

**Ahmed, H. and Häder, D-P. (2010)**

A Fast algal bioassay for assessment of copper toxicity in water using *Euglena gracilis*. Journal of Applied Phycology. 22 (6) 785 – 792, Doi 10.1007/s10811-010-9520-z.