

## Curriculum vitae

### **Hagib Ahmed Ali Al-Hagibi**



#### **- Personal Detail:**

**Profession:** Environmental Scientist and Geologist  
**Place and Date of Birth:** Taiz, Yemen; Jan 3<sup>rd</sup>, 1983.  
**Nationality:** Yemeni.  
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#### **- Education:**

- 2021** **Ph.D. Student** in "*Climate Change and Air Quality*" at Faculty of Petroleum and Nature Resources, Sana'a University, Yemen.
- 2017** **Master's Degree** with Excellent Rate (95%) in *Environmental Sciences*, at Department of Earth and Environmental Science, Faculty of Science, Sana'a University, Yemen.
- 2005** **Bachelor's Degree** in *at Earth and Environmental Science*, with Very Good grade (*The first student in the ranking*), at Faculty of Science, Sana'a University.
- 2012** **International Diploma in IT Skills** which awarded from University of Cambridge and Talal Abu - Ghazaleh Organization at Petroleum and Mineral Training Center (PMTC).
- 2000** **High School certificate** in Scientific Division, with Very Good Degree, at Abdul - Naser high school, Sana'a, Yemen.

- Ph.D. Title: "*Studies of Climate Change in Yemen and Environmental Assessment of Air Quality in Sana'a City, Yemen*".
- M. Sc. Title: "*Study of Some Heavy Metals Concentrations in Mangroves Environment – Red Sea Coast of Yemen*".
- Graduation Project Title: "*Petroleum Hydrocarbons Pollution in Marine Sediments – Red Sea Coast of Yemen*".

#### **- Publications:**

- Al-Hagibi, H. and Dobian, A. (2019). *Toxicity of Mareb Crude Oil on Intertidal Clam Tivela Ponderosa and Its Effect on Oxygen Consumption under Laboratory Conditions*. Journal of Medical Research and Health Sciences; 2(8):159-173.
- Al-Edresy, M. A., Wasel, S. O., Al-Hagibi, H. A. (2019). *Ecological Risk Assessment of Heavy Metals in Coastal Sediments between Al-Haymah and Al-Mokha, South Red Sea, Yemen*. International Journal of Hydrology; 3(2):159-173.
- Al-Hagibi, H. A., Al-Selwi, K. M., Nagi, H. M. and Al-Shwafi, N. A. (2018). *Assessment of Heavy Metals Concentration in Mangroves Leaves of the Red Sea Coast of Yemen*. Journal of Ecology and Natural Resources; 2(1):121-139.
- Al-Hagibi, H. A., Nagi, H. M., Al-Selwi, K. M. and Al-Shwafi, N. A. (2018). *Study of Heavy Metals contamination in Mangrove Sediments of the Red Sea Coast of Yemen from Al-Salif to Bab-el-Mandeb Strait*. Journal of Ecology and Natural Resources; 2(1):121-134.
- Al-Hagibi, H. A., Nagi, H. M., Al-Selwi, K. M. and Al-Shwafi, N. A. (2015). *Hydrographical Studies on Mangroves Ecosystem of the Red Sea Coast of Yemen from Al-Salif to Bab-el-Mandeb Strait*. University of Aden Journal of natural and applied sciences; 18(2):383-391.

## - Employment:

- 8/2011 – Present** **Geological Engineer** at Aden Refinery Company, Aden, Yemen.
- 6/2010 - 8/2011** **Geotechnical Engineer** at Hayel Saeed Anam and CO. LTD. During the foundation works of Yemen Company for Sugar Refining (YCSR) in Ras Issa, Al-Salif, Al-Hodeida.
- 2009 – Present** **Consultant Engineer** and one of the members and founders of Haifa Office for Engineering and Training.
- 6/2009 - 5/2011** **Geologist Engineer** at Arab Company for Studies and Soil Testing Ltd.
- 3/2009 - 6/2009** **Laboratory Technician** at Arab Company for Studies and Soil Testing Ltd.
- 2005 – 2009** **Demonstrator** at the Department of Earth and Environmental Science, Faculty of Science, Sana'a University, Yemen.
- 2006 – 2009** **Environmental Engineer** at Top Service Office for Engineering Consulting and Studies and Designs.

- A broad and deep understanding of the causes of climate changes in their natural and human dimensions, and a broad knowledge of the effects of climate changes, environmental changes, climate change mitigation and adaptation.
- A researcher and lecturer in the field of climate change and environmental sciences.
- Experience in research, analysis, monitoring and evaluation, data collection, dissemination, essay writing and teaching.
- Interested and a good observer of weather conditions, changes in weather parameters, air pollution and air quality index.
- Good reader of different weather and climate models, and follower of extreme weather events, tropical events, and hurricanes.
- Providing support for development and training in the field of environment and climate change for capacity building in municipalities
- Ability to translate complex climate change information for non-technical professional users and knowledge of gender and social inclusion of climate change.
- Comprehensiveness knowledge of global climate change, a broad understanding of international developments in climate change, Good follower of the reports of the United Nations Intergovernmental Panel on Climate Change (IPCC).
- Knowledge of disaster risk management (including non-climate risks and hazards).

## - Work Experience:

- Primary research interests: *Climate Variability; Climate Change, Climate Impacts, Climate Adaptation, Climate Change Mitigation, Paleoclimate, Global Warming, Greenhouse Gases Effects, Climate Communication, Air Pollution, Air Quality Index, Environmental Geology, Geological Studies and Environmental Impact Assessment.*
- Participated in “*First Scientific Webinar Series in Geology*”, (Online, 13<sup>th</sup> – 30<sup>th</sup> January 2021), the Faculty of Oil and Minerals, University of Aden, in collaboration with the Yemen Geologist Survey and Mineral Resources Board.
- Geological and environmental works - Supervision of Field Activities, Site Investigation , Drilling Parameters, Environmental Parameters, Environmental Impact Assessment (EIA), Evaluation of Water Wells, Pumping, Chemical, physical and Biological tests of water wells, Grouting, Logging, Mapping, Electrical Resistivity, Soil Testing, etc,
- Teaching course of *Air Pollution and Climate Change*, for undergraduate students, 4<sup>th</sup> level (2018), during my working period as **Teacher** at the Department of Earth and Environmental Science, Faculty of Science, Sana'a University, Yemen.
- Teaching course of *Geomorphology*, for undergraduate students, 2<sup>nd</sup> level (2017-2018), during my working period as **Teacher** at the Department of Earth and Environmental Science, Faculty of Science, Sana'a University.
- Teaching course of *Introduction in Marine Sciences*, for undergraduate students, 1<sup>st</sup> level (2018), during my working period as **Teacher** at Faculty of Science, Sana'a University.

- Participated in preparing report about study of *“Environmental Impact Assessment for Municipal Solid Waste Position, Marib City”*.
- Represented by Arab Company as Geological Engineer in *“Consolidated Contractors Company Group S. Al offshore (CCC)”*, in Al-Rayyan Hills project - Sana'a City.
- Represented by Department of Earth and Environmental Science, Faculty of Science, Sana'a University in *“Arab Students Training Courses”*, in 1<sup>st</sup> July – 3<sup>rd</sup> August, 2004, at Faculty of Science, Tanta University – **Tanta, Egypt**.
- Teaching **practical classes** to courses, for undergraduate students during my working period as **demonstrator** at Faculty of Science, (2005-2009). These include the following:

#### Geology Courses

- Igneous and Metamorphic Rocks Lab.
- Sedimentary Rocks Lab.
- Remote Sensing Lab.
- Marine Geology Lab.
- Historical Geology Lab.
- Marine Sediments Lab.
- Geomorphology Lab.
- General Geology (1) and (2).
- Geological and Ecological of Coast Lab.

#### Environmental Sciences Courses

- Statistic in Geology Lab.
- Ecotechine and EIA Lab.
- Biodiversity Lab.
- Desert Environment and Desertification Lab.
- Air and Water Pollution Lab.
- Sea Water and Sediments Pollution Lab.
- Marine Chemistry and Marine Biology Lab.
- Air Pollution and Climate Change Lab.
- Physical Oceanography Lab.

- Participation in Scientific trips and Field survey which was sponsored and organized by Faculty of science during has been student then demonstrator at the college.
- Represented by higher studies students in workshop for *“Higher Studies development”*, in Faculty of Science – Sana'a University, Yemen.
- Participated in *“The Primary Preparation Studies for Restoring The Old Wall of Sa'ada City”*, and *“Preparing Environmental Studies”*, for many projects during my working period with Top Service Office for Engineering Consulting and Studies and Designs.
- Participated with Geological Experts in *“Preparing Geological and Engineering Studies”*, for *“Manakha Tunnel Project”*, in Manakha City – Sana'a Government. As well as *“The Expanding of The Road”*, from Sana'a – to – Hodeida City.
- Participated in preparing *“Geological Studies and Environmental Impact Assessment (EIA)”*, for Pipe Line of Water Desalting from Makha to Taiz City.
- Participated in preparing *“Geological and Engineering Studies and soil testing”*, for many projects during my working period with Arab Company for Studies and Soil Testing Ltd. Such as building of **Al-Saleh Medical City, Tadhamon International Islamic Bank, Saba Islamic Bank Branch, Embassy of the United States**, and some **Bridges and Underpass** in Sana'a.
- Ability to use: *“Total Station, GPS, Level, Compass, Pizometer, Pressure meter, Plate Bearing, and Electrical Resistivity (SAS 1000 – 4000)”*.

#### **- Training:**

- Training on *“Training of Trainer (TOT)”*, (11<sup>th</sup> - 20<sup>th</sup>) October 2016, at Asian Institute for project and Administrative Sciences, Sana'a, Yemen.
- Training on *“Occupational Safety and Health Standards for General Industry OSHA”* based on material distributed by the United States Department of labor, Occupational Safety and Health Administration regarding compliance requirement as set forth in 29 CFR 1910, training was conducted at Petroleum and Mineral Training Center (PMTTC), Yemen Oil Gas Corporation YOGC. 18<sup>th</sup> April 2012.
- Training on *“Remote Sensing and Applications”*, in Yemen Remote Sensing and GIS Center (YRSC), city of Technology, Ministry of Telecom and IT, Sana'a, Yemen.
- Training on *“Maintenance of Computer and Local Area Network (LAN)”*, at for Training – Consulting – Studies (MCC).

- Training on “*Environmental Geology*”, (1<sup>st</sup> - 10<sup>th</sup>) July 2004, at Faculty of Science, Tanta University – **Tanta, Egypt.**
- Training on “*Environmental Management System (EMS) and Environmental Impact Assessment (EIA)*”, 21<sup>th</sup> July - 3<sup>rd</sup> August 2004, at Faculty of Science, Tanta University, **Egypt.**
- Training on “*Climate Change and Renewable Energy*”, (11<sup>th</sup> -20<sup>th</sup> ), July 2004, at Faculty of Science, Tanta University – **Tanta, Egypt.**
- Training on “*Petrology and Mineralogy*”, 20<sup>th</sup> July - 11<sup>th</sup> August 2003, at Central Laboratories, Geological Survey and Mineral Resources Authority, Ministry of Oil and Mineral, Yemen
- Training on “*First Aid Course*”, in Yemen Red Crescent Society, 30<sup>th</sup> August 2003.

#### **- General Skills:**

- Certificate of Participation in *Communication Skills, Time Management, Solving Problems and Taking Decisions, Reporting Skills, and Team Building and Teamwork* at Petroleum and Mineral Training Center (PMTC).
- *Having Driving License 6-38429* and Certificate of *Learning and Driving Cars*, and having *own car.*
- Excellent interpersonal and communication skills.
- Strong analytical, writing, and advocacy skills.
- Ability to work independently; commitment to team-work and working across disciplines.
- Having the ability to work under pressure; and tight deadlines.
- Working based on job rules and laws.
- Ability to plan, organize, implement and report on work.
- Facing the problems, understanding and solving them.
- High sense of responsibility and cultural, gender, religion, race, nationality and age sensitivity and adaptability.

#### **- Computer , Science, and Research Skills:**

- Advanced understanding of Microsoft Office Suites, including IT, Windows, Outlook and Internet Applications.
- Use of computer for scientific research and Internet highly skilled
- Analyzing and processing a great variety of scientific data, statistics and information.
- Possessing strong knowledge of science and scientific methods.
- The ability to use scientific methodologies and procedures to investigate problems and propose meaningful and practical solutions.
- Familiarity with e-presentation techniques and ability to operate with on-line web-based applications
- Excellent experience with statistical analysis program such as Excel, SPSS, SATA, and Paleontological Statistics (PAST) software.
- Good experience of Geographical Information Systems (GIS) software.
- Photoshop, Surfer, Global Mapper, Map Source and Google Earth.
- Autodesk Land, AutoCAD, Winlog 4 and Winfence.

#### **- Membership in Professional Societies:**

- A member on Yemen Geological Society.
- An establishment member on Al-Hayah Association for Water and Environment.
- A member on Arab Association of Scientific Research.
- A member on Yemen and Environmental Science Society.
- Member on Arab Forum for Human Resource Management.

#### **- Languages:**

- **Arabic:** Mother Tongue
- **English:** Level 4 at Petroleum and Mineral Training Center PMTC.

#### **- Reference:**

- Available upon request.