

## Curriculum Vitae

### Husain abode neamah

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#### PERSONAL SUMMARY:

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- Member of the teaching staff at Al-Mustansiriyah University College of Science, Department of Atmospheric Sciences since 2012 till now, working as an assistant lecturer.
- Specialized in prediction analysis.
- Interested in atmospheric seasonal ensembles, geopotentialheight,climateforecasting.

#### EDUCATION:

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- Ph.D. #1: Currently I am a Ph.D. student started in 2016.
- M.Sc. #2: [2008 – 2010 ] from Al-Mustansiriyah University College of science, department of Atmospheric Sciences specialized in analysis of seasonal ensemble for geopotential over middle east by using ECMWF data.
- B.Sc. #3: [2003 – 2007] from Al-Mustansiriyah University College of science, department of Atmospheric Sciences.

#### ACADEMIC HONORS AND AWARDS:

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- #1: got a letter of acknowledgments awarded by the Minister of Higher Education and Scientific Research 2012.
- #2: got letters of acknowledgments awarded by the Dean of the College of Science/ Al-Mustansiriya University in 2012.
- #3: got two letters of acknowledgments awarded by the Dean of the College of Science/ Al-Mustansiriya University in 2013.
- #4: got a letter of acknowledgments awarded by the Dean of the College of Science/ Al-Mustansiriya University in 2014.
- #5: got a letter of acknowledgments awarded by the chairman of Al-Mustansiriyah University in 2014, 2015.
- #6: got two letters of acknowledgments awarded by the Dean of the College of Science/ Al-Mustansiriya University in 2015
- #7: got letters of acknowledgments awarded by the Dean of the College of Science/ Al-Mustansiriya University in 2016.

#### ACADEMIC /TEACHING EXPERIENCE:

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- Assistant professor . , Department of Atmospheric Sciences, College of Science, Al- Mustansiriyah Univ., Baghdad, IRAQ
- Lab Lecturerin ( dynamics ) , Department of Atmospheric Al- Mustansiriyah Univ., Baghdad, IRAQ
- Lab Lecturerin (electricity) , Department of Atmospheric Al- Mustansiriyah Univ., Baghdad, IRAQ
- Lab Lecturerin ( thermodynamics ) , Department of Atmospheric Al- Mustansiriyah Univ., Baghdad, IRAQ
- Lab Lecturerin ( weather and instrument ) , Department of Atmospheric Al- Mustansiriyah Univ., Baghdad, IRAQ
- Lab Lecturerin ( synoptic meteorology ) , Department of Atmospheric Al- Mustansiriyah Univ., Baghdad, IRAQ

## COURSES TAUGHT:

Undergraduate	Graduate
<ul style="list-style-type: none"><li>• Computer programs</li><li>• Physics of the atmosphere</li><li>• Atmospheric numerical models</li><li>• Atmospheric remote sensing</li><li>• General physics</li><li>• Synoptic meteorology</li></ul>	

## PROFESSIONAL AFFILIATIONS:

- Worked as a member in the Media Committee in 2014 till now / Atmospheric science Dept.
- Worked as a member in the civil defense unit in 2015 till now / college of sciences.
- Worked as a member in the Journal of Science in 2014 – 2015.
- Worked as a member in the sports activities unit in 2016 till now / college of sciences.
- Worked as a postgraduate study responsible on atmospheric science department in 2021 till 2023.

## PUBLICATIONS:

1-Nemah, Hussain A; Ahmed, Mohammed M; Khaleed, Omar L; Nemat, Ghasaq S; ,Effect of Some Meteorological Variables and Conditions on Mobile Phone and TV Satellite Signal.,*Al-Mustansiriyah Journal of Science*,32,2,,2021.

2-Al-Zuhairi, Munya F; Nemah, Hussain Abodi; Al-Montaser, Zahraa N; Majeed, Husam T; ,Study the Spatiotemporal Variations of some Cloud Properties Over Iraq,IOP Conference Series: Earth and Environmental Science,1223,1,012002,2023,IOP Publishing.

3-Nemah, Hussain Abodi; ,Study of Sub Tropical Jet Stream in Summer Season,*Al-Mustansiriyah Journal of Science*,34,1,1-5,2023.

4-Al-Knani, Basim Abdulsada; Abdulkareem, Iqbal H; Nemah, Hussain Abodi; Nasir, Zahraa; ,Studying the Changes in Solar Radiation and Their Influence on Temperature Trend in Iraq for a Whole Century,*Baghdad Science Journal*,18,2 (Suppl.),1076-1076,2021.

5-Roomi, Thaer O; Nemah, Hussain A; Shubbar, Ramiz M; ,A Model to Compute the Solar Parameters in Relation to Determining the Optimal Angles for Solar Panels in Many Locations in Iraq,*Iraqi Journal of Science*,,4260-4271,2021.

6-Nemah, Hussain Abodi; Mohammed, Nagham Abbas; Zaki, Khawla Nihad; Abdulkareem, Iqbal H; ,Dynamic fluctuation of the tropospheric height over Baghdad city ,2022.

7-Hussain, Hazem H; Nemah, Hussain Abodi; Sada, Basim Abdul; ,ESTIMATING SEASONS STARTING POINT TIME AS A RESULT OF CLIMATE CHANGE IMPACTION,*Plant Archives*,19,2,1525-1528,2019.

8-Nemah, Hussain Abodi; Hassan, Ahmed S; Kahdum, Jasem H; ,Study of weather prediction using barotropic vorticity model.,*Plant Archives (09725210)*,19,2,,2019.

9-ABDULKAREEM, IQBAL H; NEMAH, HUSSAIN ABODI; ,VARIATION OF WEATHER ELEMENTS DURING DIFFERENT SEASONS IN IRAQ,*Journal of Engineering Science and Technology*,16,6,5000-5012,2021.

10-Nassif, Wedyan G; Nemah, Hussain Abodi; Sada, Basim Abdul; ,"Study of Geopotential Height Values and its Inraction with Temperature Degree over Baghdad City, Iraq",*Plant Archives*,20,2,1388-1391,2020.

11-Al-Jiboori, Monim H; ,Chair of the Conference.

12=Abodi, Husain; Thari, N; Abbas, N; ,The relation between cloud cover and some atmospheric variable over Baghdad city,*Global Journal of Advanced Research*,3,4,283-289,2016.

## PROFESSIONAL DEVELOPMENT

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- **Certifications:**

- Methods of teaching course, march. 2012
- TOEFL ITP score 460 / Aug. 2010.

- **Skills:**

- Good experience in operating systems including Windows, MACOS. And some programming languages such as Matlab and FORTRAN.
- Good experience in installing and using Remote sensing and dust storms detection programs.
- Languages: Arabic as a native language; Very good in English.