C.V

Summary

- Strong knowledge of meteorology.
- Good knowledge of the meteorological data analysis and interpretation of Synoptic Weather Chart.

Personal Data:

Name: Nasim Hossein Hamzeh

Nationality: Iranian

Date and place of Birth: 08 April 1977, Shiraz – Iran

Marital status: Single

Languages: Persian (mother tongue) and English language

Cellphone: +989122882795

Scientific Qualifications:

- B. Sc (honors) in Physics – College of Physics – Kharazmi university– Tehran – Iran, (2000).
- M. Sc in Astronomy – Isfahan University — Iran, (2003).

    Thesis title "*Binary stars and determine their orbits*"

-        PhD. in Meteorology– ASMERC — Iran, (2019).

     Thesis title " Synoptic and statistical analysis of dust storms in southwest of Iran"

Experience:

- Physics teacher in high school (2003 till now)
- Physics teaching Assistant in lab- Isfahan University-2002
- Physics instructor in Azad university of Roudehen (2004 till 2015)
- Physics instructor in Piam Noor Damavand (2004 till 2007)
- Astronomy Tour guide (2009 till 2012)

Scientific Activities:

- *Training Workshop on Meteosat Third Generation (MTG), Germany,23 to 27 September 2019*
- *4th Atmospheric Composition and the Asian Monsoon (ACAM) workshop, UKM, Malaysia, 26-28 June 2019*
- *Central Asian DUst Conference (CADUC 2019), Tajikistan, 15-24 April 2019*

- *7th Training course on WMO SDS-WAS Products Satellite and ground observation and modelling of atmospheric dust, Ahvaz, Iran, (10 to 14 November 2018)*

- *6th Training Course on WMO sand and Dust Storm Warning Advisory and Satellite Products, Istanbul, Turkey (27-29 Oct. 2017)*

- *The WCRP-JNU training School on Monsoon variability in Changing Climate, Jeju, South Korea, (16 to 21 January 2017)*

- *Sixth UNESCO/IOC-ODC training course on Ocean Dynamic and Multi-scales interactions, First Institute of Oceanography, Qingdao, China, (5-16 September 2016). A*

- *5th Training Course on WMO sand and Dust Storm Warning Advisory and Assessment System(SDS-WAS) Products, Tehran, Iran (05-09 Oct. 2016)*

Publishing:

- Numerical simulation of extreme dust storms in east of Iran by the WRF-Chem model Journal of Natural hazards, Springer (2019)

- The study of a rare frontal dust storm with snow and rain fall: Model results and ground measurements, Journal of Atmospheric and Solar-Terrestrial Physics, Elsevier(2019)

- Investigation of dust storms in Ilam and the performance analysis of simulation of 6 numerical prediction models at a severe dust storm in west of Iran, Journal of Air pollution and health (2019)

- Study and simulation of summer dust storm in West and Southwest of Iran, Journal of climate research (2017)

- Synoptic -dynamic analysis of dust storm and its simulation in southwest of Iran in summer 2005, Journal of Spatial Analysis (2016)