

## CURRICULUM VITAE

Dr. Sahar Tajbakhsh Mosalman has 26 years of professional experience in the I.R. of Iran Meteorological Organization (IRIMO): working in forecasting, training, research and management departments, cooperation and partnership with other national institutions, including the Iranian Ministry of Energy and Iran Ministry of Agriculture Jihad, the Iranian Department of Environment, Crisis Management Organization, the International Red Cross and Red Crescent Movement, and other national and international organizations and institutions in producing and issuing timely forecasts and warnings in order to protect people's lives and property.

### *BIOGRAPHICAL INFORMATION*

<b>Surname</b>	<b>Tajbakhsh Mosalman</b>
<b>Name</b>	<b>Sahar</b>
<b>Gender</b>	Female
<b>Nationality</b>	Iranian
<b>Date of Birth</b>	8 April, 1972
<b>Place of Birth</b>	Tehran, Iran
<b>Marital Status</b>	Married
<b>Languages</b>	Persian, English
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### *EDUCATIONAL RECORDS*

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|-------------|--|
| <b>2009</b> | <b>Ph. D in Meteorology</b><br>Islamic Azad University, Tehran, Iran |
| <b>2008</b> | <b>M. Sc in Meteorology</b><br>Tehran University, Tehran, Iran       |
| <b>2007</b> | <b>B. Sc in Physics</b><br>Islamic Azad University, Tehran, Iran     |

### *WORK EXPERIENCES (NATIONAL)*

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| 2018-present | Deputy Minister of Roads and Urban Development, President of IRIMO                                   |
| 2018-present | Chair of the Board of Trustees of Research Institute of Meteorology and Atmospheric Science (ASMERC) |
| 2019-2023    | Head of the Working Group on Atmospheric Hazards in the Crisis Management of Iran                    |
| 2014-2018    | Faculty Member of Research Institute of Meteorology and Atmospheric Science (ASMERC)                 |
| 2000-2014    | Director of WMO Regional Training Center in Tehran (RTC-Tehran)                                      |

### *WORK EXPERIENCES (INTERNATIONAL)*

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| 2019-2023 | Member of WMO Executive Council (EC)                     |
| 2019-2023 | Chair of RA II Task Team on the Regional Concept (TT-RC) |
| 2019-2023 | Representative of WMO Task Team on the Regional Concept  |
| 2019-2023 | IPCC National Focal Point in Iran                        |

2019-2023	Special Advisor to WMO Hydrological Coordination Panel
2019-2023	Head of ECO Regional Center for Risk Management of Natural Disasters (ECO-RCRM) in Mashhad, Iran
2000-2018	Director of WMO Regional Training Center in Tehran
2000-2025	Director of the Information System Modernization Project in the I.R. of Iran Meteorological Organization

***OUTSTANDING WORK WHILE BEING THE PERMENANT REPRESENTATIVE OF IRAN WITH WMO***

- 1 Launching Flood Early Warning System in Iran
- 2 Launching Air Quality Early Warning System in Iran
- 3 Launching Dust Storms Early Warning System
- 4 Revival of Common Alerting Protocol in IRIMO
- 5 Revival of WMO Global Information System Centre (GISC) in IRIMO
- 6 Adding Fifty Weather Stations in the RBSN based on WMO Standards in 2022
- 7 Launching WMO Regional Climate Center in West Asia in Tehran (Demo Phase)

***PLANS CONSIDERED AT THE TIME OF OBTAINING THE POSITION OF THE SECOND VICE-PRESIDENT OF WMO***

- Cooperation with APDIM Office in Tehran to encourage the Optimal Dust Management
- Cooperation with 18 UN offices in Tehran to advance the “Early Warnings for All” initiative
- Cooperation with the ECO Member States as the Head of ECO Regional Center for Risk Management of Natural Disasters (ECO-RCRM) in Mashhad

***SELECTED PUBLICATIONS***

- S. Tajbakhsh, P. Ghaffarian, 2019, "Signature of the Climate Change in the South CASPIAN Basin and Costal Area. " *Journal of Oceanographical Research*.
- S. Tajbakhsh, P. Ghaffarian, A. H. Delju, 2021, "Analysis of the Long-Term Trend of Temperature, Precipitation, and Dominant Atmospheric Phenomena." *The Handbook of Environmental Chemistry*.
- S. Tajbakhsh, R. Pahlavan, M. Moradi, M. Azadi, and M. Rahnama, 2021, "Fog Probabilistic forecasting usinganensemble predictionssystem at six airports in Iran for 10 fog events." *Meteorological Application*.
- P. Ghafarian, A. H. Delju b, S. Tajbakhsh, M. Mohammadpour, 2021, "Simulation of the role of Caspian Sea surface temperature and air temperature on precipitation intensity in lake-effect snow." *Journal of Atmospheric and Solar–Terrestrial Physics*.
- N. Middleton, S. S. Kashani, S. Attarchi, M. Rahnama, S. Tajbakhsh. "Synoptic Causes and Socio-Economic Consequences of a Severe Dust Storm in the Middle East." *Atmosphere*.
- X. Zhang, A. Balkanov..., S. Tajbakhsh. 2021, "WMO Airborne Dust Bulletin." *WMO Bulltein*.