

## Curriculum Vitae



### **Personal Information**

**First name:** Behzad

**Sur name:** Layeghi

**Birth day:** 22.01.1974

**Marital status:** Married

**Number of children:** 2

**Phone:** +98 9195790604

**Office:** +982122953094

**Fax:** +982122951299

**Email:** [b-layeghi@irimo.ir](mailto:b-layeghi@irimo.ir)

### **Educational background**

1. Bachelor of Physics, Shahid beheshti university, Iran
2. Master of science in Physical Oceanography, Tarbiat Modarres university, Iran
3. Ph.D student of physical Oceanography, science and research branch, Islamic Azad University

## **Work experience**

1. Head of Oceanic and Atmospheric science center
2. Work in the field of numerical modeling of wave and current, tsunami, Harmful Algae Bloom, climate change

## **Skills:**

1. Work with Mike21
2. SWAN wind wave model
3. WAM wave model
4. ROMS oceanic model
5. COMMIT-MOST tsunami model
6. PROBE biological model

## **Articles**

1. Study on the effect of climatic elements on tourism industry in Gilan Province (second congress of Islamic Geographic Masters, Iran)
2. Short time numerical prediction of wind wave in the southern coasts of Caspian Sea using WAM model (Journal of marine Science, Iran)
3. Study on atmosphere-land-sea interaction and forecasting of the related events (ICOPMAS-2008, Iran)
4. Development of marine early warning system in Chabahar (conference on Chabahar, basis of development in the East of Iran)
5. Numerical modeling of Tsunami inundation in Makran subduction zone (the First International conference on the Persian Gulf Oceanography)
6. Study on Gonu storm surge in Sistan & Baluchestan Province (Journal of Earth science, Iran)

7. Sensitivity of WRF model simulations to physical parameterization over Persian Gulf and Oman Sea during summer monsoon (Journal of Geophysics, Iran)

### **Projects**

1. Feasibility of cloud fertilization using ground generator in Gilan Province
2. Study on climate change in southern coasts of the Caspian Sea
3. Feasibility of installation of Oceanic and Atmospheric Science Center of the Persian Gulf
4. Data gathering and measurement of Physical oceanographic Characteristics on off-shore region of southern Caspian Sea and making data bank
5. Processing and analysis of wind wave data in southern coasts of the Caspian Sea and making Numerical modeling