

## **Mohammad Ibrahim Najaf, PhD**

Professor

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### **a. Professional Preparation:**

**1993:** PhD Moscow State Geological Prospecting Academy, Moscow, Russia.

**1981:** BSc-MSc Moscow State Geological Prospecting Academy, Moscow, Russia.

### **b. Appointments**

**2011 to present:** Professor of Engineering Geology and Hydrogeology at Kabul Polytechnic University.

**1993-2011:** Professor of Engineering Geology and Hydrogeology at Kabul Polytechnic University, Head of Engineering Geology and Hydrogeology Department.

**1982 – 1987:** Assistant Professor at Kabul Polytechnic University.

### **c. Publications**

#### **(i) Up to five publications most closely related to proposal project**

1. **Mohammad Ibrahim Najaf**, Text Book: Hydrogeology and Engineering Geology, 2013. Published by Ministry of Higher Education.
2. Chebanov, O., Kharitoninko N, **Mohammad Ibrahim Najaf**, Text Book: Engineering Geology and Hydrogeology, 1998. Published by Kabul Polytechnic Institute.
3. **Mohammad Ibrahim Najaf**, Text Book: General Geotectonic, 1996. Published by Kabul Polytechnic Institute.
4. **Mohammad Ibrahim Najaf**, Problems and Exercises of Structural Geology, 1995. Published by Kabul Polytechnic Institute.
5. **Mohammad Ibrahim Najaf**, Engineering Investigation of Stavropol Big canal, Moscow State Geological-Prospecting Academy, Moscow – 1993

#### **(ii) Up to five other significant publications**

1. **Mohammad Ibrahim Najaf**, Hydro-geological Monitoring, 2015. Science and Technology Magazine, Kabul Polytechnic University.
2. **Mohammad Ibrahim Najaf**, Engineering Geology Investigation significance in construction works 2015. Science and Technology Magazine, Kabul Polytechnic University.
3. **Mohammad Ibrahim Najaf**, Zaryab A, (2014) Afghanistan Mineral Water Evaluation and its practical usage, 2014. Science and Technology Magazine, Kabul Polytechnic University.
4. **Mohammad Ibrahim Najaf**, Hydraulic structures effect on engineering conditions of construction field, 2012. Science and Technology Magazine, Kabul Polytechnic University
5. **Mohammad Ibrahim Najaf**, Groundwater Pollution Protection, 2011. Science and Technology Magazine, Kabul Polytechnic Institute
6. **Mohammad Ibrahim Najaf**, Using statistical methods while taking and analyzing Geological samples. Science and Technology Magazine, Kabul Polytechnic Institute, 2010.
7. Saba, D. S., **Mohammad Ibrahim Najaf**, Musazai A. M (2009) Geothermal Energy in Afghanistan: Prospects and Potential, 2009. Center on International cooperation, New York University. Afghanistan center for policy and development studies, Kabul Afghanistan.
8. **Mohammad Ibrahim Najaf**, Rahmani A.B., Statistical analysis of Engineering Geological specification, 2008. Science and Technology Magazine, Kabul Polytechnic Institute.

#### **d. Synergistic Activities**

1. Conducted researches at the University of Colorado at Boulder, USA on 2009-2010 years. This program was a cooperative endeavor between Kabul University, Washington State University and the University of Colorado at Boulder that was fully funded by the USAID.
2. Trainer of different water management courses related to Kabul River Basin for engineers and skill labors of ministries and governmental organizations.
3. Editor for the University publications and organizations related to the Water Resources.
4. National Hydrology Committee for Afghanistan (NHCA) from the date of its establishment up till now, research work “Impacts of Climate Change on Water Resources of Kabul River Basin”

#### **a. Collaborators & Other Affiliations**

##### **(i) Collaborators**

Abid M., Mechanical Engineering, GIK Institute, Topi, Pakistan  
Bandaric, H. K., Moscow State Geological Prospecting Academy, Moscow, Russia;  
Chebanov, O., Russian Academy of Science, Hydrogeology section;  
Kharitoninko N, Moscow State Geological-Prospecting Academy;  
Musazai A. M, New York University  
Saba, D. S., New York University  
Sagin, J, Nazarbayev University, Kazakhstan  
Zaryab A, Satpayev Polytechnical University, Kazakhstan  
Academy sciences of Afghanistan  
Balkh University, faculty of geosciences, Kabul University, Kardan Private University, Bakhtar Private University, Katam Al-Nabieen Private University, Bamyan University.

##### **(ii) Graduate and Postdoctoral Advisors**

Graduate advisor was Prof. Henry Kandratoovich Bandaric from Moscow State Geological Prospecting Academy, Moscow, Russia.

##### **(iii) Thesis Advisor and Postgraduate Sponsor**

More than 60 MSc students and more than 150 BScs students in Kabul Polytechnic University, Four of the MS graduates work as assistant and associate professors at Kabul University.