



## Abas ali Ghaderi Assistant Professor

Faculty : Engineering

Departments : Civil Engineering

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University of Sistan and Baluchestan, Daneshgah Ave., Zahedan,  
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## Education

- ✓ B.Sc, Chemical Engineering, Sistan and Baluchestan University - 1993
- ✓ MS, Civil Engineering, Tarbiat Modares University - 1996
- ✓ PhD, Civil Engineering, University of Tehran - 2012

## Courses

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| 1. Environment Eng                       | 2. Fundamental of Water and Wastewater |
| 3. Water and Wastewater Eng. and Project | 4. Principles of Ecology               |

## Master Thesis

### 1. Numerical simulation of flow patterns and erosion around obstacles in open channel and its environmental impacts

محمد مهدی نخعی نژاد, [Bahareh Pirzadeh, Abas ali Ghaderi]

نیمسال دوم سال تحصیلی 95-96

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## Journals Papers

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### 2021

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#### 1. Estimating Pier Scour Depth: Comparison of Empirical Formulations with ANNs, GMDH, MARS, and Kriging

Moslem Zarbazousiahkali, Abas ali Ghaderi, Abdolhamid Bahr Peyma, Mohsen Rashki, naser safaeean hamz

Journal of Artificial Intelligence and Data Mining Volume: (9) 109 - 128

### 2020

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#### 2. Prediction of Evaporation Changes in Half Well Reservoirs of Sistan By Using Randomized Simulator Models

Abas ali Ghaderi,

Volume: (18) 225 - 238

### 2019

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#### 3. ارزیابی اثرات زیست محیطی کارخانه کمپوست زاهدان

Abas ali Ghaderi, Bahareh Pirzadeh,

Volume: (8) 233 - 244

### 2017

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#### 4. Generating Artificial Water Quality Data for No-Trend Parameters in Reservoirs (Chahnimeh No.1 in Sistan)

Bahareh Pirzadeh, , Seyed Arman Hashemi Monfared, Abas ali Ghaderi

Volume: (13) 226 - 232

### 2012

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#### 5. Evaluating the Effects of Fertilizers on Bioavailable Metallic Pollution of soils,

Abas ali Ghaderi

International Journal of Environmental Research Volume: ( ) 565 - 570

### 1998

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#### 6. Performance of a subsurface constructed wetland in Iran

Abas ali Ghaderi

WATER SCIENCE AND TECHNOLOGY Volume: ( ) 345 - 350