

## Dr Souheil Malhis

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### 1946 - 1972 Aleppo, Syria

- 1946 - Birth in Aleppo, Syria
- 1967 - Syrian high School in Aleppo
- 1971 - B. Sc in Chemistry and Physics at Aleppo University
- 1971 -1972 - Assistant for Physics and Chemistry at Aleppo University

### 1973 - 1974 Algiers, Algeria

- Assistant for Physics at Algiers University
- High School Teacher for Physics und Chemistry at Algiers University
- Mai 1984 - GTZ Contract „catalytic combustion of ammonia“

### 1975 - 1988 West-Berlin, Germany

- 1975 - 1980 - Diploma in Applied Chemistry from the technical university of Berlin, equivalent to M. Sc
- 1981 - 1985 - Ph. D. in Chemical Engineering at the University of Berlin by Prof. Dr. P. Hugo, [www.tu-berlin.de/~itc/hugo/](http://www.tu-berlin.de/~itc/hugo/)
- 1985 - 1988 - Head of department Physical and Chemical Sensors at the company ATP GmbH in Berlin,

### 1989 - 1996 Kiel, Germany

- 1988 - 1992 - Head of department Wastewater treatment at the company Krupp MaK GmbH
- 1992 - 1994 - Head of department Water Technology at the company DST GmbH
- 1994 - 1996 - Independent consultant and engineer. Research and development in the field of wastewater treatment using UV radiation.
- Planning and construction of wastewater treatment plants.
- Planning and construction of plants for remediation of hazardous waste.

1996 - 1998      Harrisonburg, USA

- Development and construction of mobile wastewater treatment plants.
- Planning and construction of spent gas purification plants.

1999 - 2003      Calgary, Canada

- Development of a new process for remediation of drilling waste resulting from the gas and oil industry (patented process US 6,689,925 B2).
- Construction and running of a pilot plant for remediation of drilling waste according to the a. m. process.
- Wastewater treatment of tanneries.

Since 2004      Kiel, Deutschland

- Risk analysis and design of a safety prevention plan for a hydrazine supplying plant at a nuclear power plant according to the German Federal Immission Control Act (BImSchV).
- Engineering and construction of wastewater treatment plants for a semi-conductor company (patented process).
- Engineering and construction of wastewater treatment plants for the pharmaceutical and semi-conductor industries.
- Qualification und work as an authorised inspector for plants dealing with water hazardous substances according to the German water law (WHG, VAWS).
- Qualification und work as an authorised inspector for plants dealing with petrol separators according to the German water law (WHG, DIN 1999 and EN 858).
- Consulting and engineering of a centralised treatment plant for the treatment of industrial wastewater, GTZ, EU project in Beirut, Lebanon,
- Engineering und Business Plan of a centralised plant for animal waste sterilisation of slaughter houses (rendering plant)
- Expert report of air, water, and solids emissions sources at a printing company.
- Research and Development, UV-activated oxidizing technologies for water and wastewater treatment.