Seawater Desalination

Based on steady growing world population and the luxury and lavish attitude towards life of the most of mankind, more and more needs have to be met. The most important one is the appetite for water.

Water is one of the most important factors to empower life on earth. Due to water’s unequal distribution in the world and the mostly reverse enquiry – especially in arid regions – the access to clean freshwater is not self-evident. So, diseases are spreading and hygiene is neglected.

To ensure the freshwater supply different options need to be investigated. As one possible solution, seawater desalination is becoming more and more important. Drinking water production or just as a relief of existing water supply systems or irrigation water demand.

Why seawater desalination is getting indispensable, which constituents and properties seawater has and which technologies are presently available will be discussed in this short presentation.