001-2-5034 Environmental Oriented Electrochemistry (2 credits)

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<th>Weekly Lectures Hours</th>
<th>Exercise</th>
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The course contains:
- Basics in electrochemistry and electrochemical reactors
- Electrochemical methods in water treatment - metal precipitation, purification of industrial wastes, electro-oxidation of organic contaminants, electrochemical production of oxidizing materials.
- Electrodialysis
- Electrochemical phenomena in pressure driven membrane separations
- Photo electrochemistry for water treatment

**Recommended Reading:** To be provided during the course.

**Lecturer:** Yoram Oren