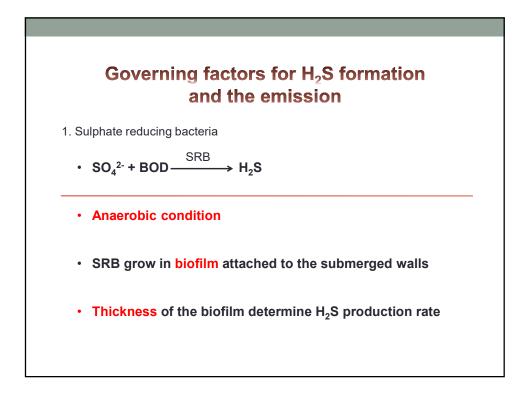
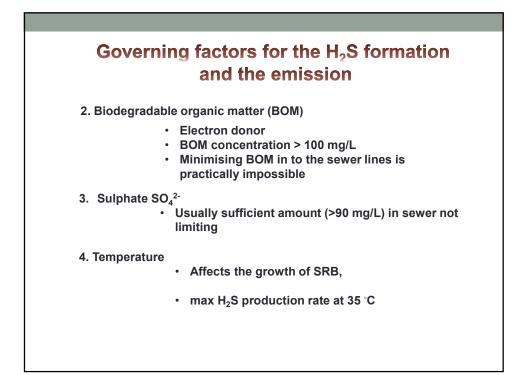
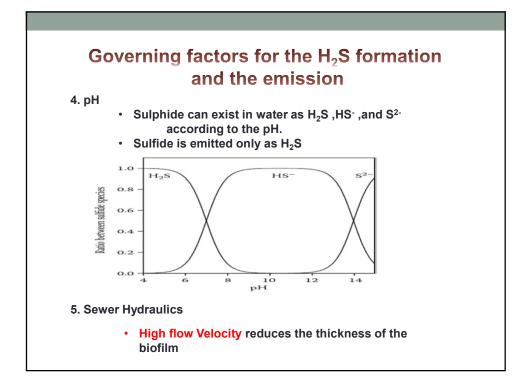
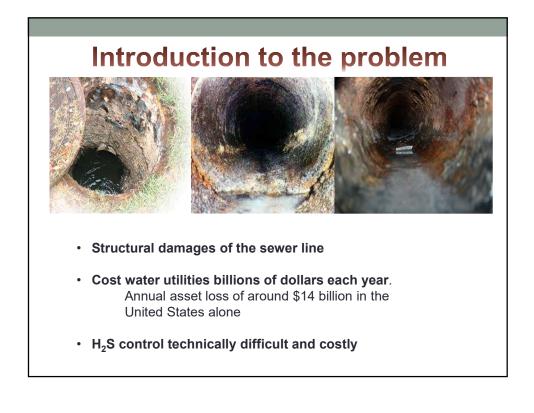


1











## 1. Reduce H<sub>2</sub>S Production • Inhibit SRB activities

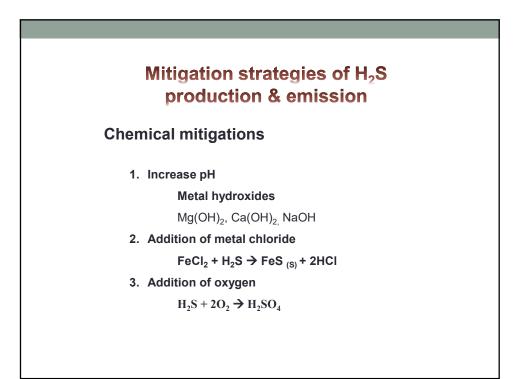
- Dosing Oxygen
- Increase pH

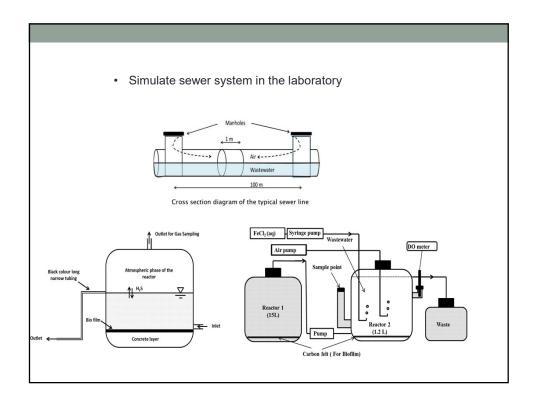
## 2. Reduce emission

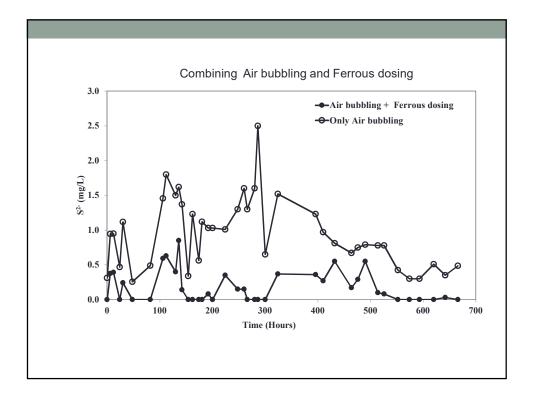
- Increase pH
- Other chemical dosing methods

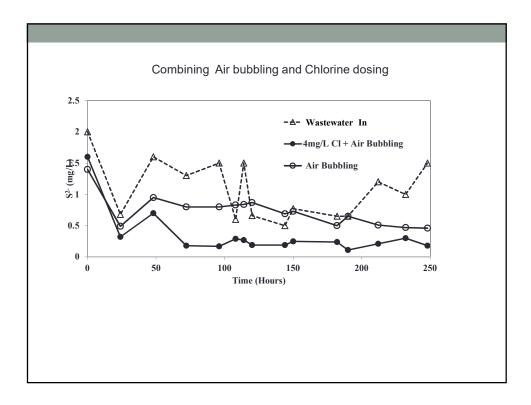
## 3. Protect crown Surface

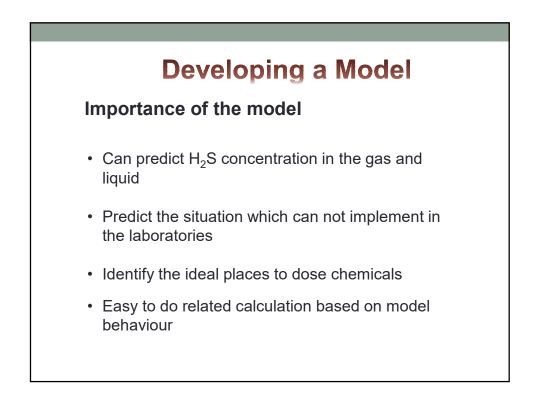
- · Inhibit microbial environment of the sewers' crown
- Neutralising H<sub>2</sub>SO<sub>4</sub> acid by increasing pH
- 4. Produce sewer lines using special material

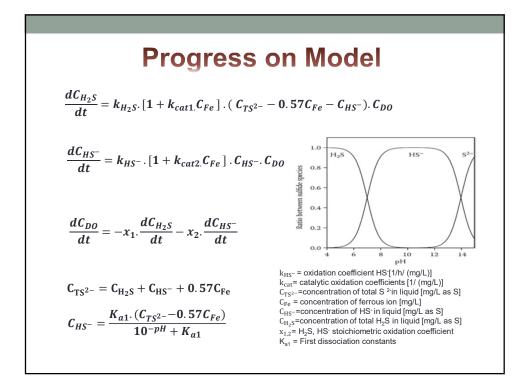


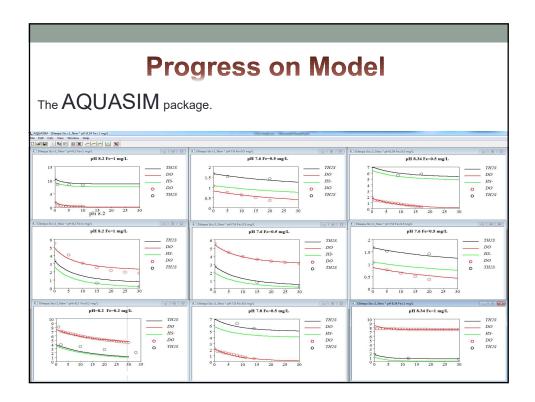












## **Publications**

Evaluation of a combined treatment to control gaseous phase H2S in sewer D Rathnayake, G Kastl, A Sathasivan International Biodeterioration & Biodegradation 124, 206-214

Hydrogen sulphide control in sewers by catalysing the reaction with oxygen D Rathnayake, A Sathasivan, G Kastl, KCB Krishna Science of the Total Environment 689, 1192-1200

