

IWA Balkan Young Water Professionals 2015

10-12 May 2015 – CERTH Conference Center, Thessaloniki, Greece

Conference highlights

Welcome cocktail



Welcome cocktail



Welcome cocktail



Welcome cocktail



Welcome cocktail





Phosphorus use in EU-27 in 2005



The lost P in the European wastewater stream could cover 15% of the European mineral phosphorus demand



Oral sessions







Technology based effluent limits

Table 4.1: Minimum performance standards for effluent limits

Level	Level	Level	Level
Level	Level	Level	Level
1	2	3	4
5	6	7	8
9	10	11	12

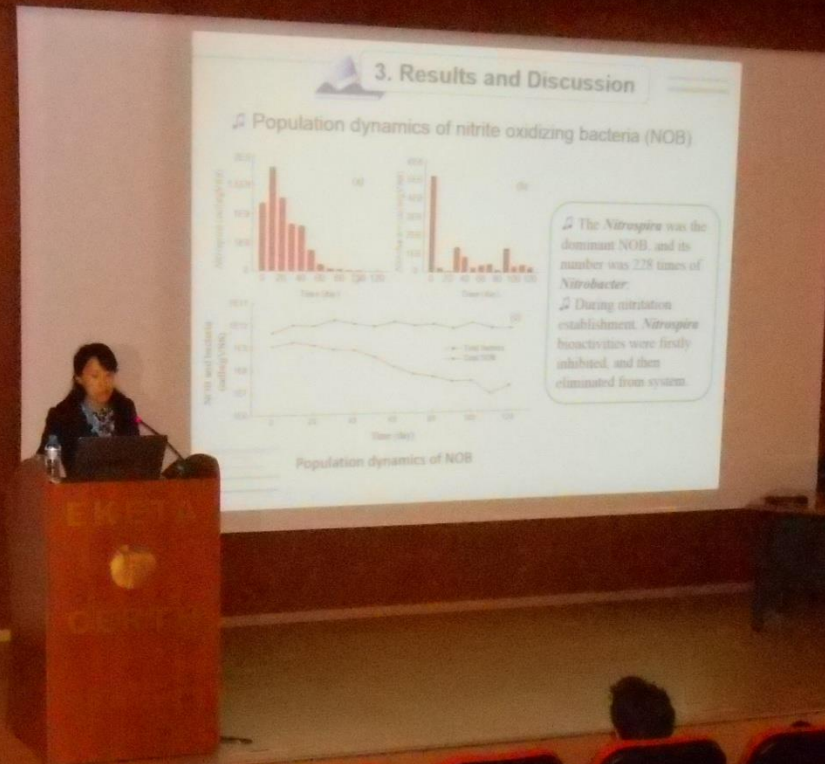
The measures "N" or "P" to denote limits for nitrogen or phosphorus only. For example, Level 10 is only phosphorus limit of 0.1 mg/L TP, with no nitrogen limit.

The expected average treatment removal levels and associated effluent concentrations vary widely according to the averaging period and/or performance status employed.

WRC 2009







Oral sessions



Oral sessions



Exhibition



Phosphorus Removal from Aqueous Solutions by Chemical Precipitation

Struvite

magnesium ammonium phosphate,
 $\text{NH}_4\text{MgPO}_4 \cdot 6\text{H}_2\text{O}$
equimolar amount (1:1:1) PO_4^{3-} : NH_4^+ : Mg^{2+}

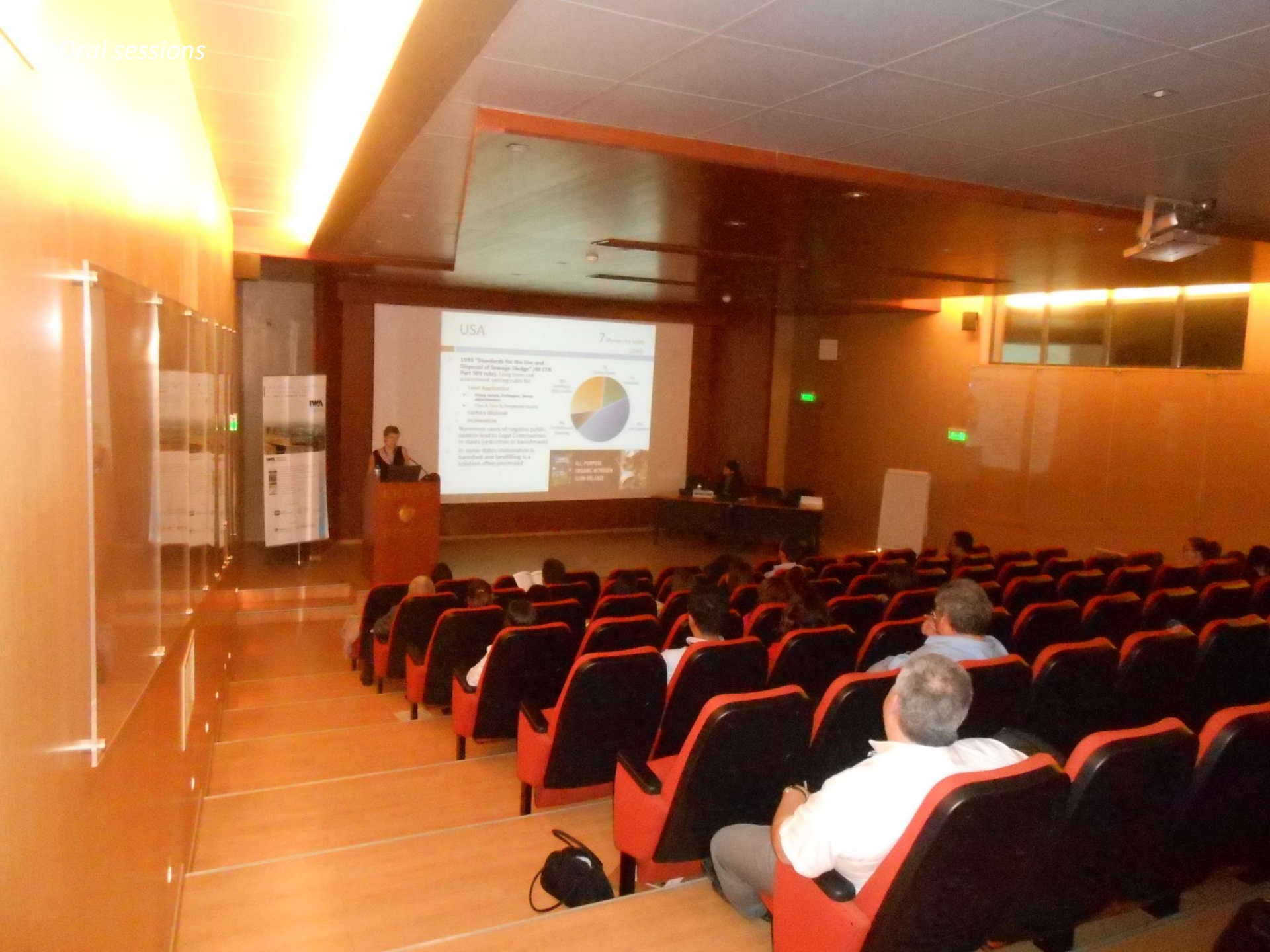
- Thermodynamically spontaneous formation is not feasible
- High quantity of NH_4^+ required



Poster area







Gala dinner



Gala dinner



Gala dinner



Gala dinner



Gala dinner



Gala dinner



Gala dinner



Gala dinner



Gala dinner



Gala dinner



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Gala dinner



Gala dinner









Oral sessions



Oral sessions





Poster awards



Poster awards



Closing session

