Science for Diplomats at EC-86

Innovation

and

the Chemical Weapons Convention:

The Scientific Advisory Board's Report on

















00ms Room 13:30-14:45 LIGHT LUNCh AVAILABLE AT 13:00





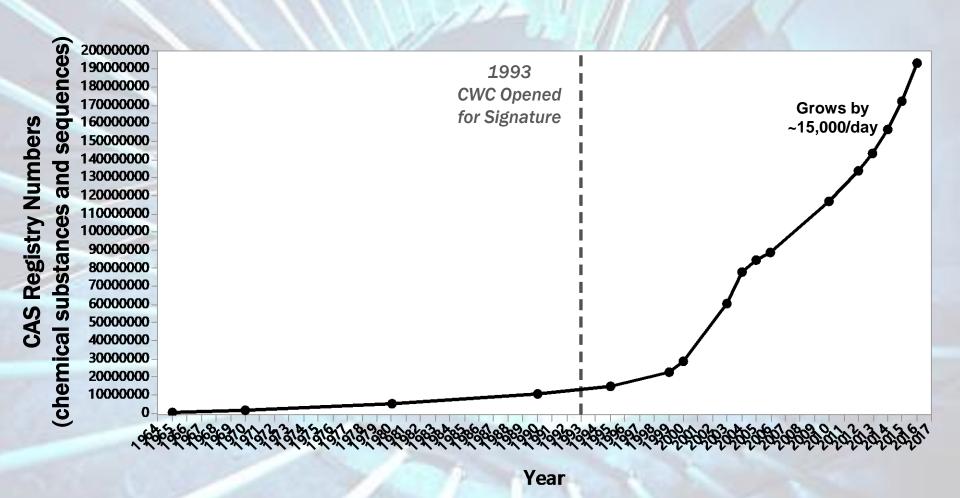




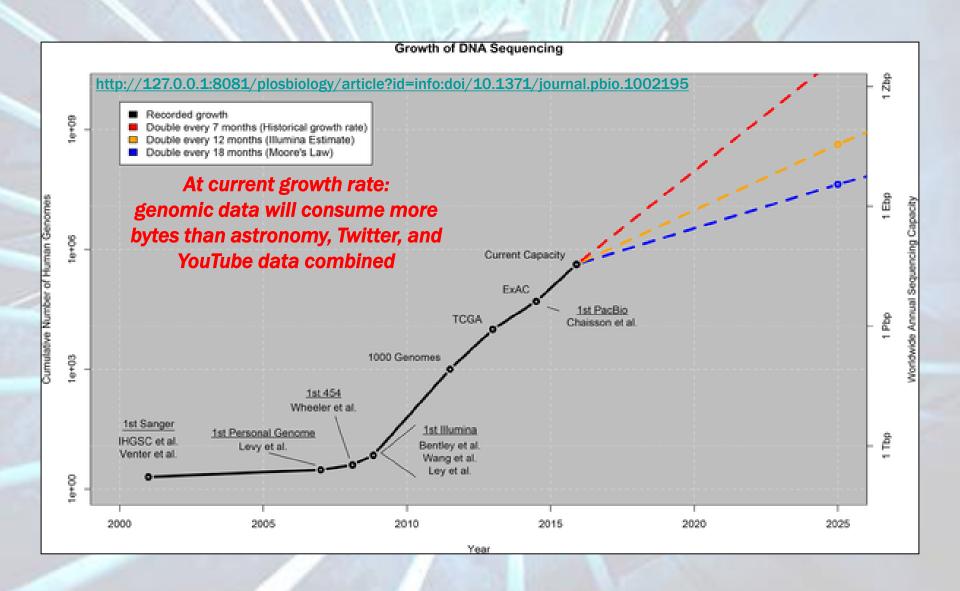




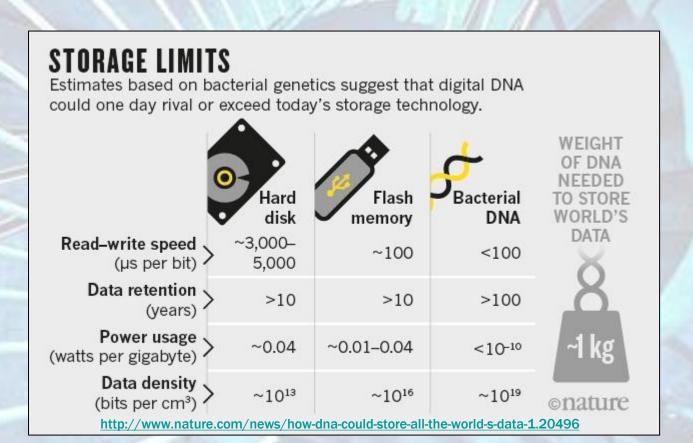








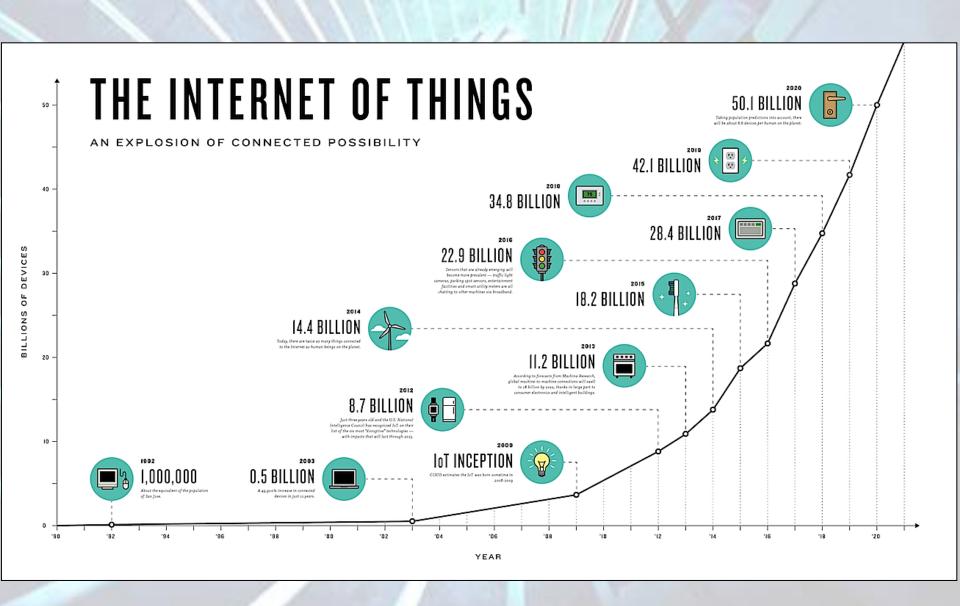






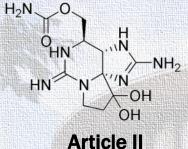








Without Sound Scientific and Technological Capacity There is No Treaty Implementation





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Article III

Article VI



Article VII



Article VIII

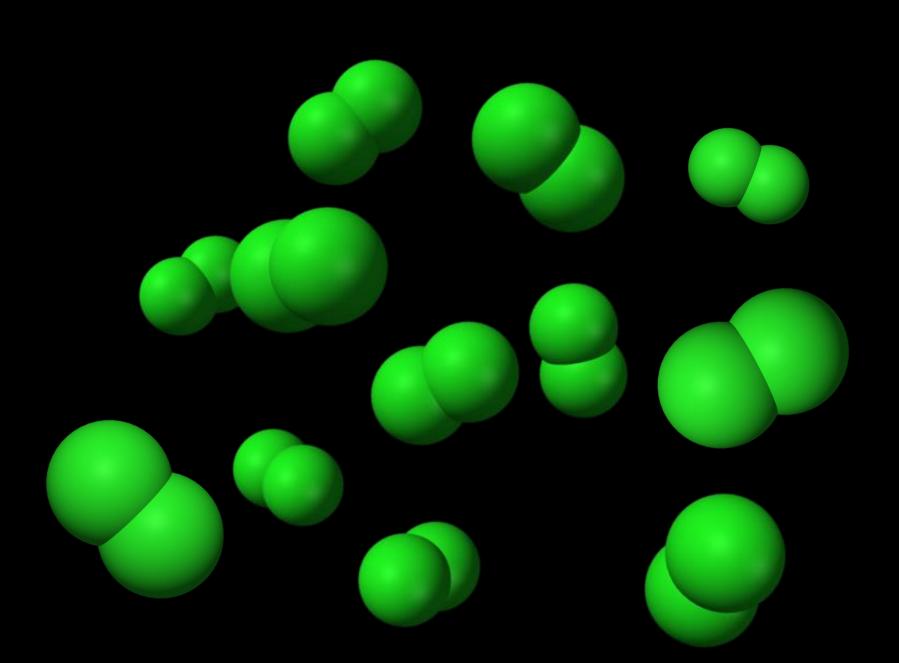
Articles IV and V



Articles IX and X



Article XI



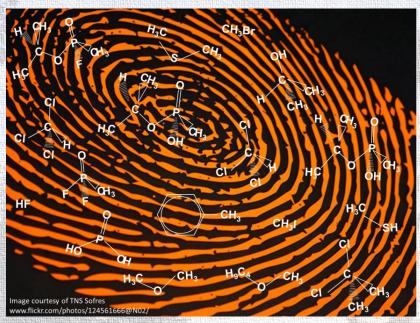






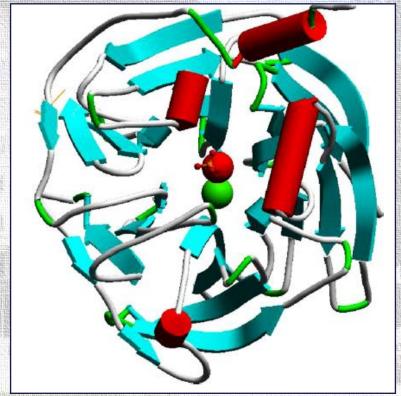


Workshops to Inform SAB Report



Chemical Forensics
Helsinki, Finland
June 2016

Medical Countermeasures and Emergency Response Paris, France, September 2016









Workshops to Inform SAB Report











03-05 JULY - 2017 RIO DE JANEIRO - BRAZIL

INTERNATIONAL WORKSHOP ON INNOVATIVE TECHNOLOGIES FOR CHEMICAL SECURITY

Science for Peace #ScienceforPeace



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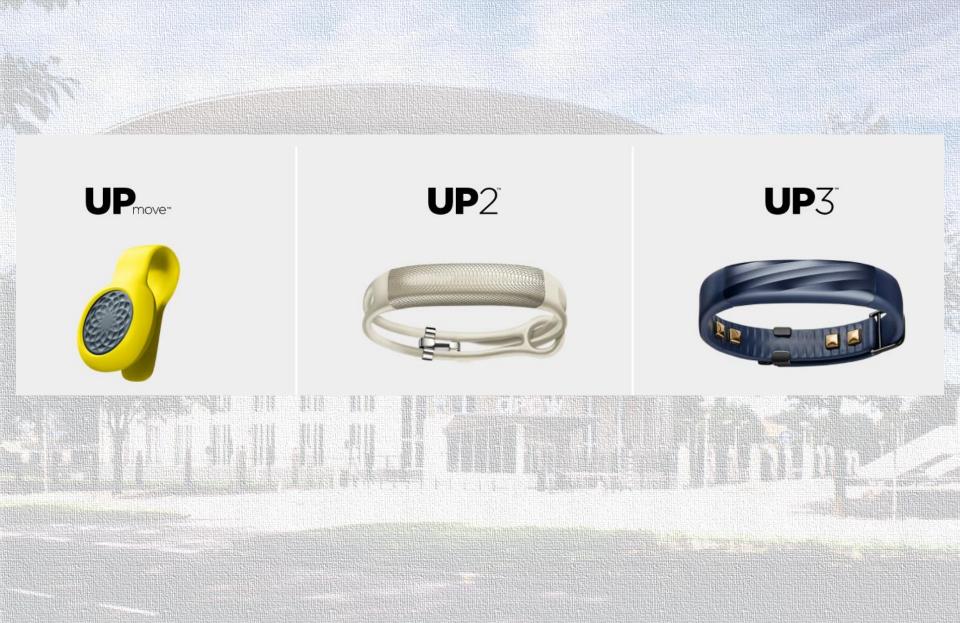
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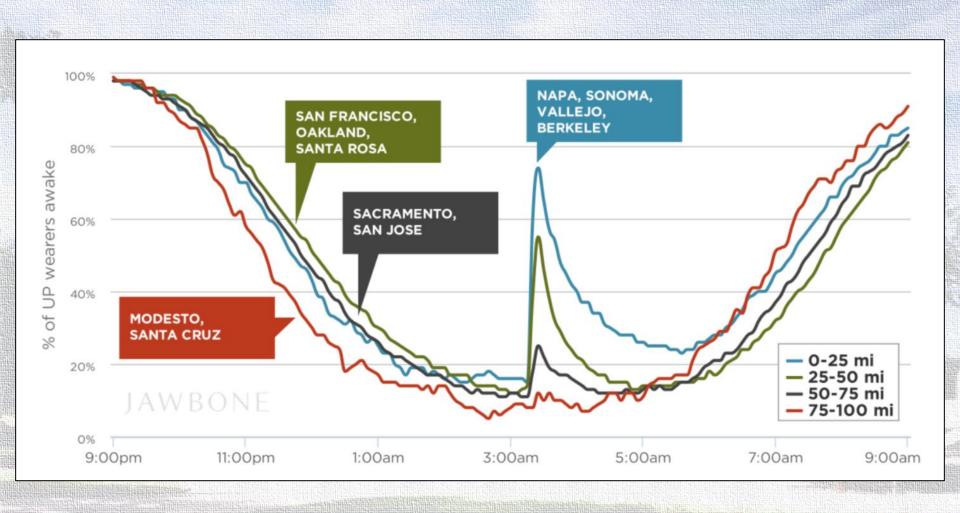


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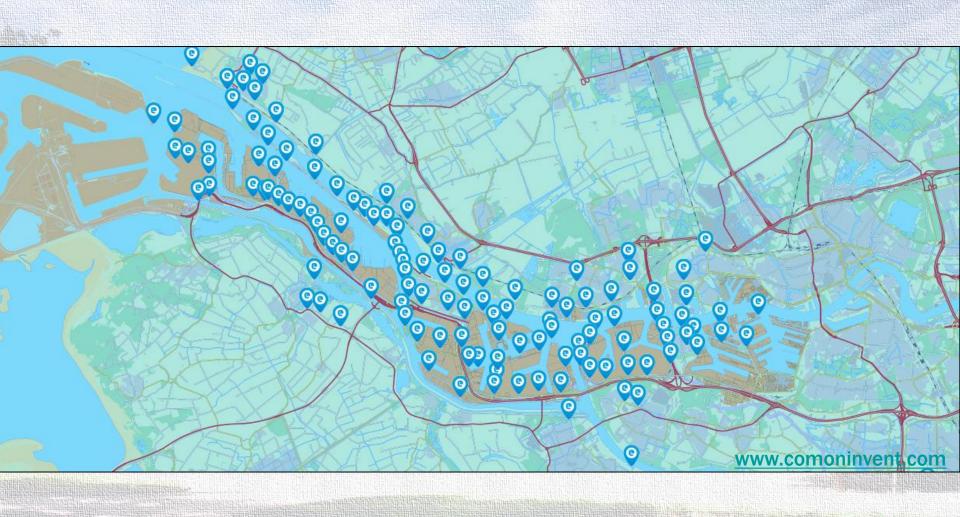




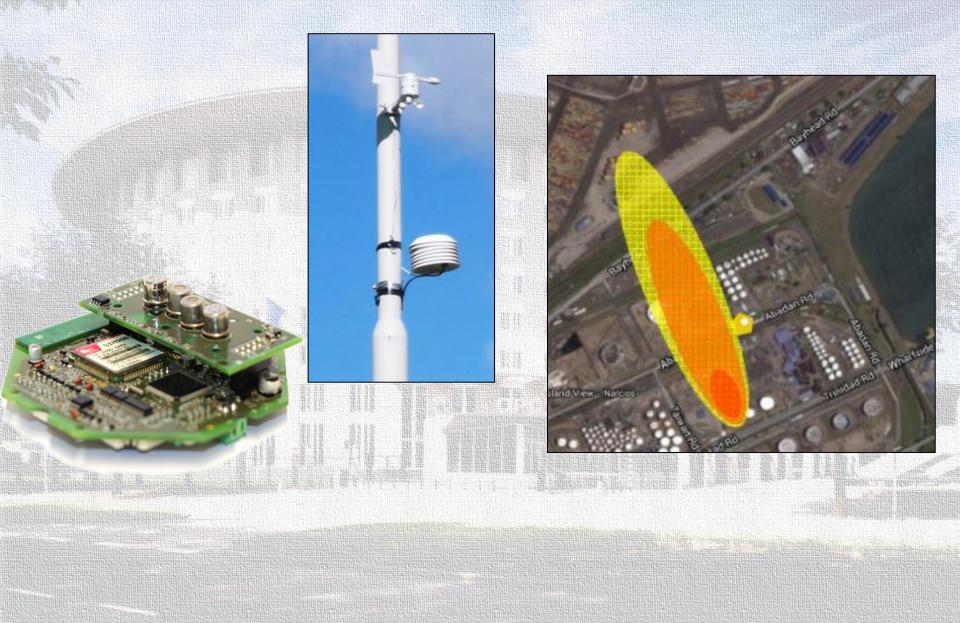














The Value is the Data





Data Collection and Integration: The Case of Agriculture







Data Collection and Integration: The Case of Agriculture

Effects of plant diseases

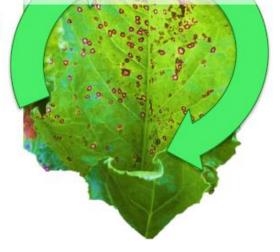
- Changes in the pigment content
 Visible and Indicative
- Changes in the water content Indicators (On-Site Analysis)
- Accumulation/degradation of metabolites
- Changes in the cell/leaf structure
- Accumulation of fungal biomass
- Changes in the source-sink relation





Physiological and metabolic parameters influence the spectral signature of plants

M. Kuska (University of Bonn)





If Plants Could Talk...

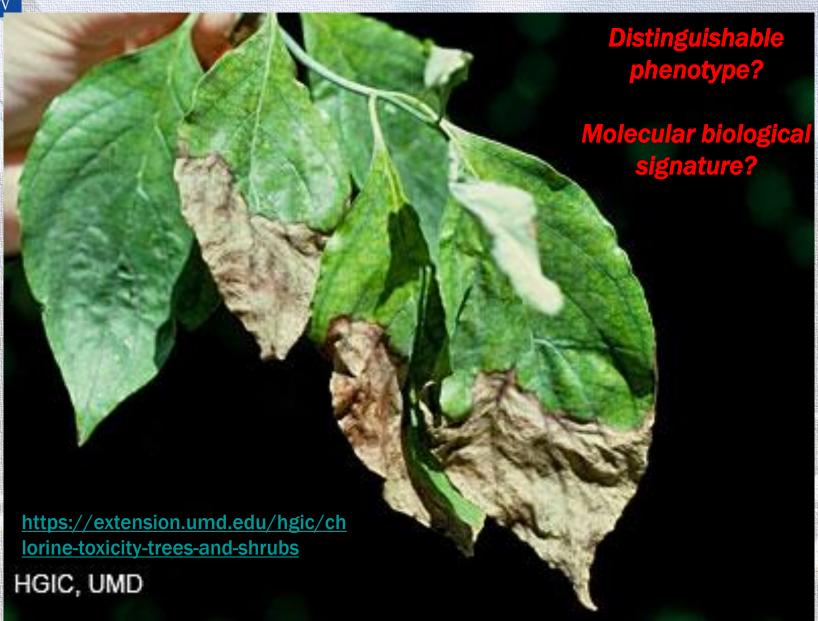


"The signs are that the bombs were made with the windows open but the net curtains taped to the walls to avoid being seen. The fumes had killed off the tops of plants just outside the windows"

- Report of the Official Account of the Bombings in London on 7th July 2005



If Plants Could Talk...





At the End of the Day: Science Advice Must be Practical

