

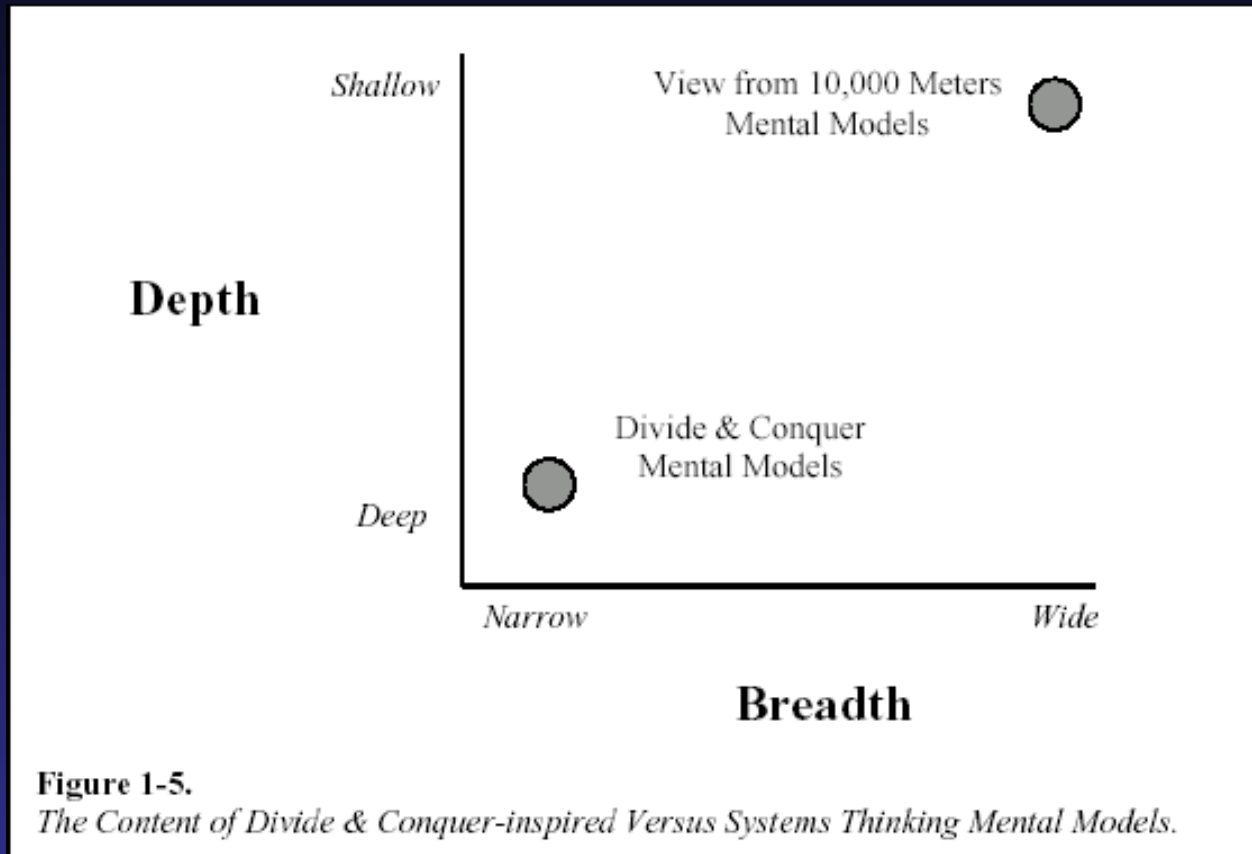
Las cianobacterias tóxicas en el marco del desarrollo de la Cuenca del Plata

Rolando Quirós

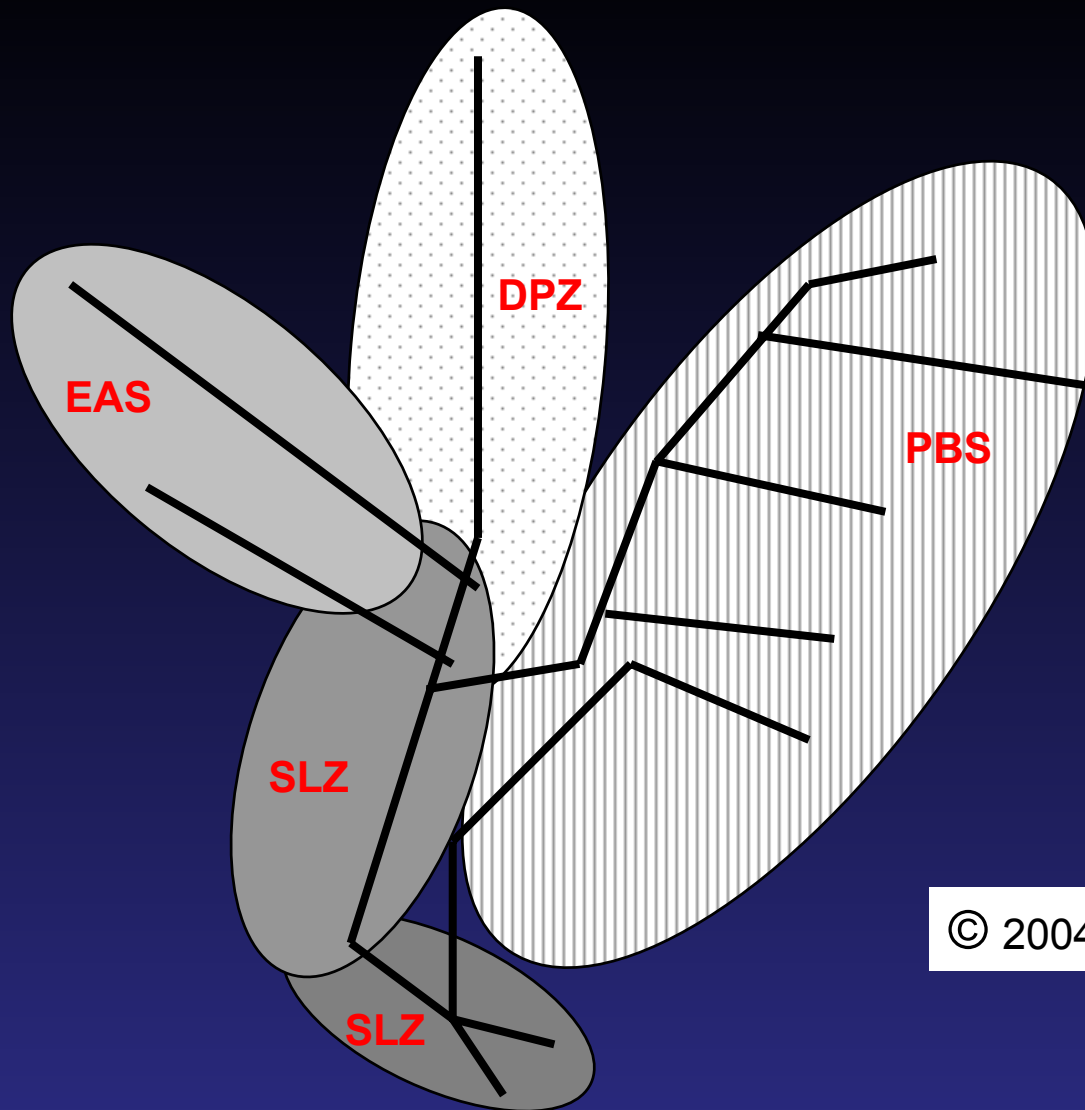
Facultad de Agronomía, Universidad de Buenos Aires

I Jornada de intercambio y análisis sobre las floraciones de Cianobacterias Tóxicas en aguas interiores del MERCOSUR. 26 y 27 de agosto de 2004, Honorable Cámara de Diputados de la Nación, Argentina.

macroscopía







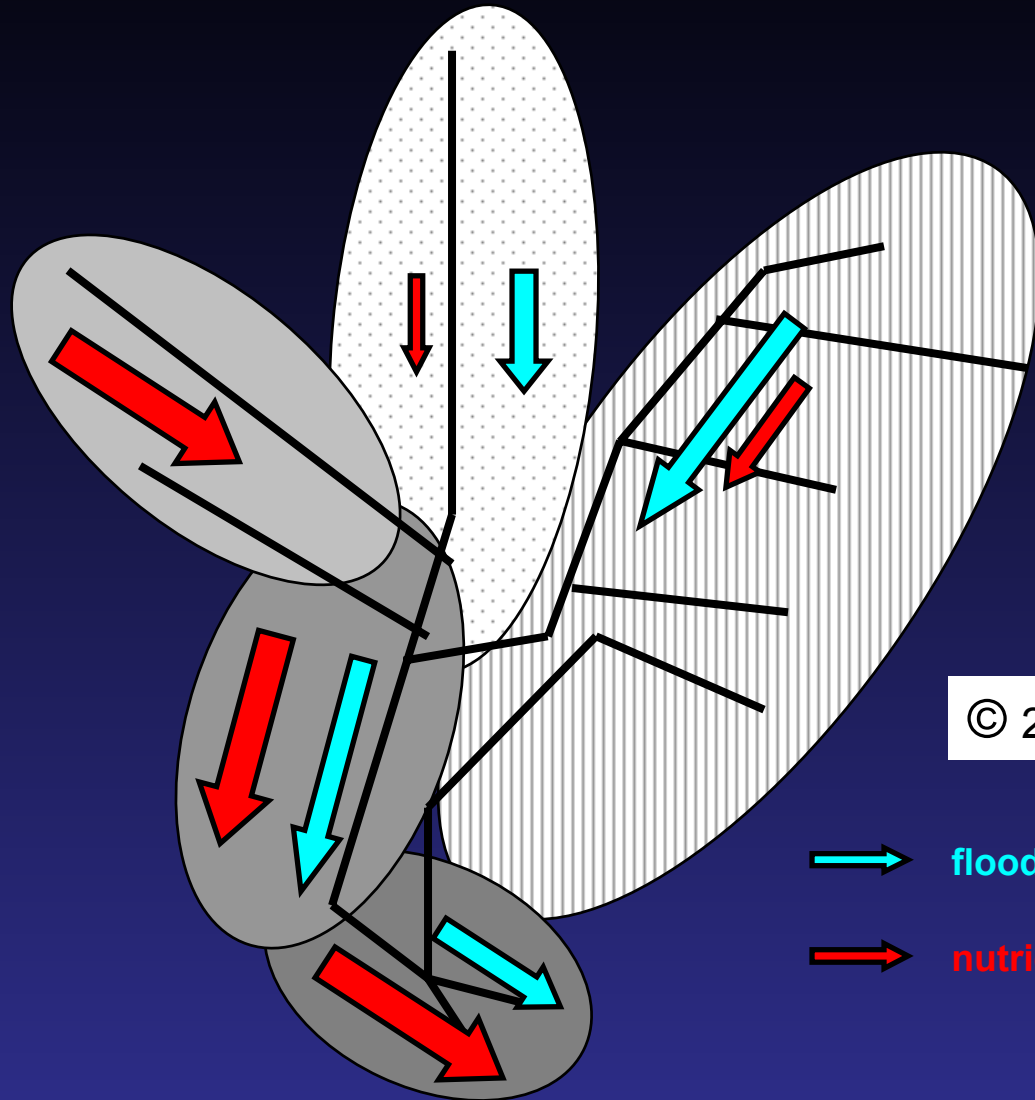
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EAS; erosive Andean sub basins

PBS; Precambrian Brazilian Shield drainages

DPZ; depositional floodplain zones interspersed with Brazilian Shield emergences

SLZ; sedimentary middle and lower reaches with massive floodplains at the Chaco-Pampa Plain

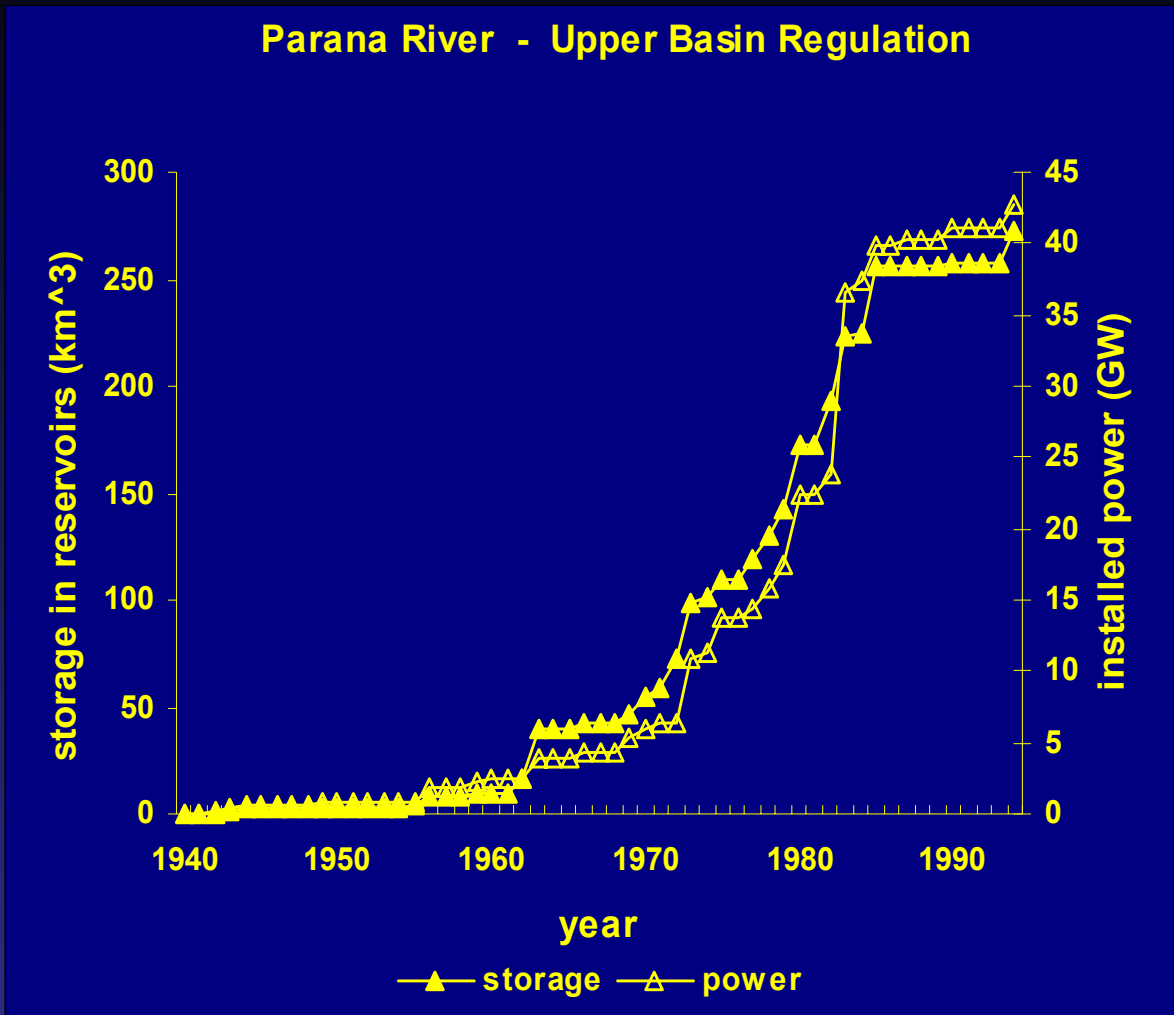


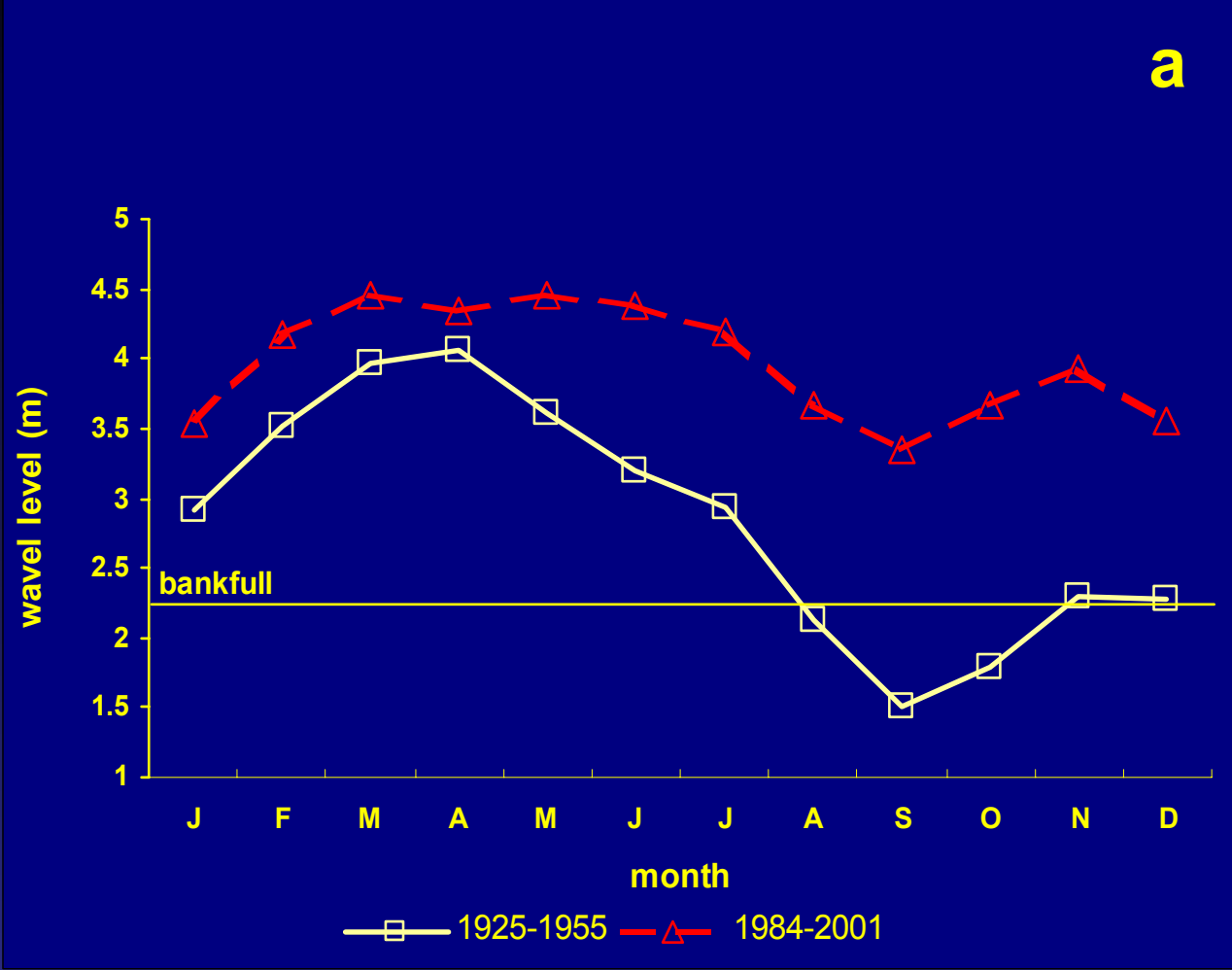
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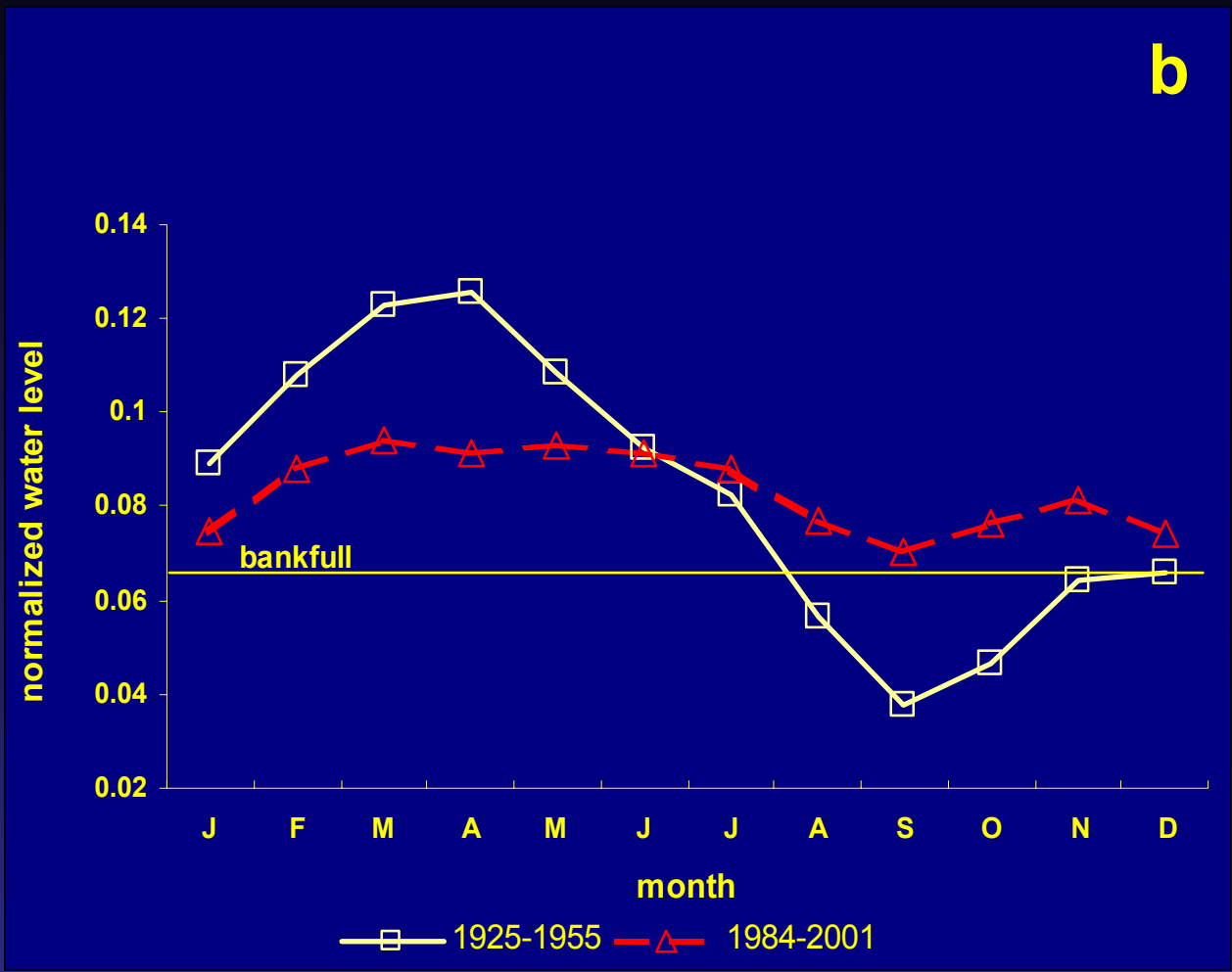
 flood pulse

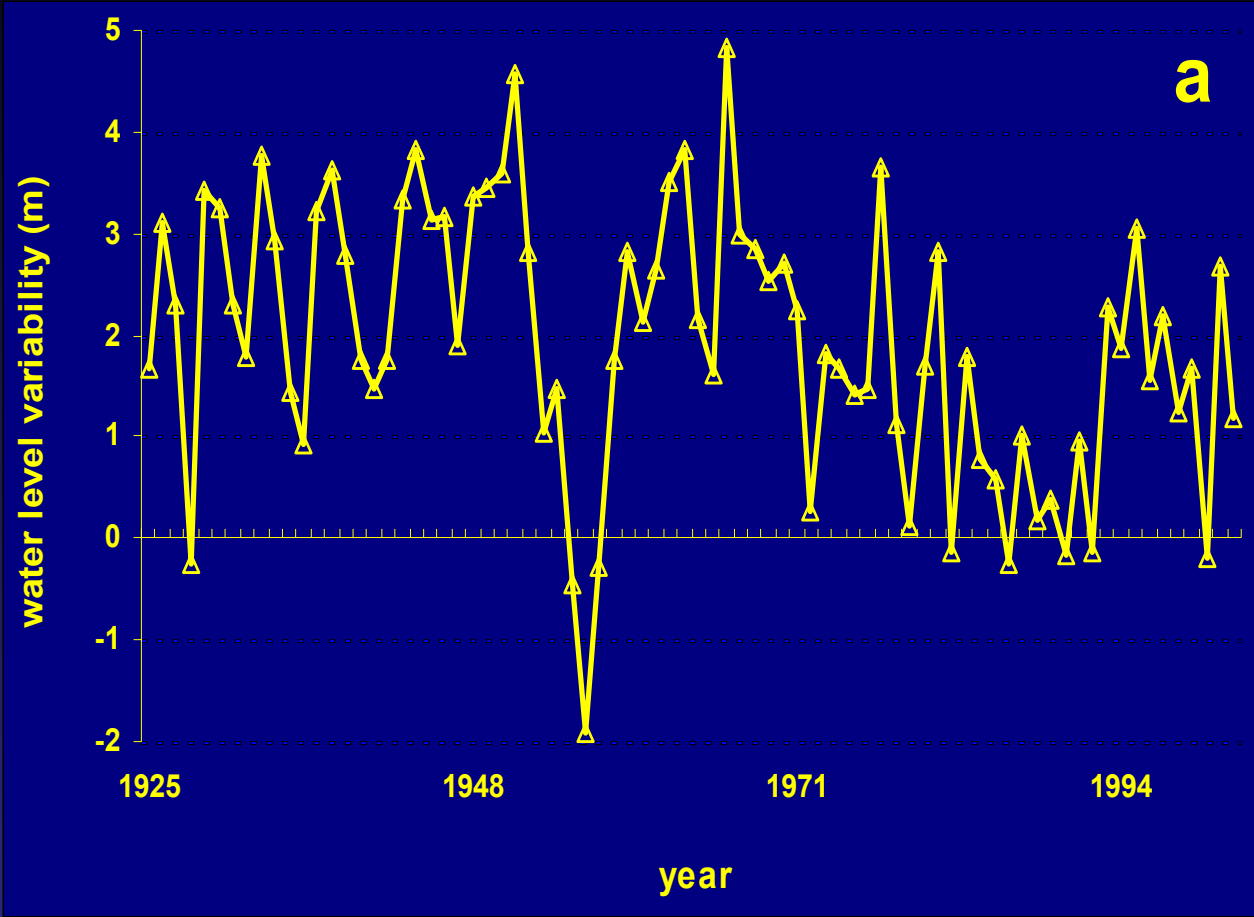
 nutrient pulse

Parana River - Upper Basin Regulation

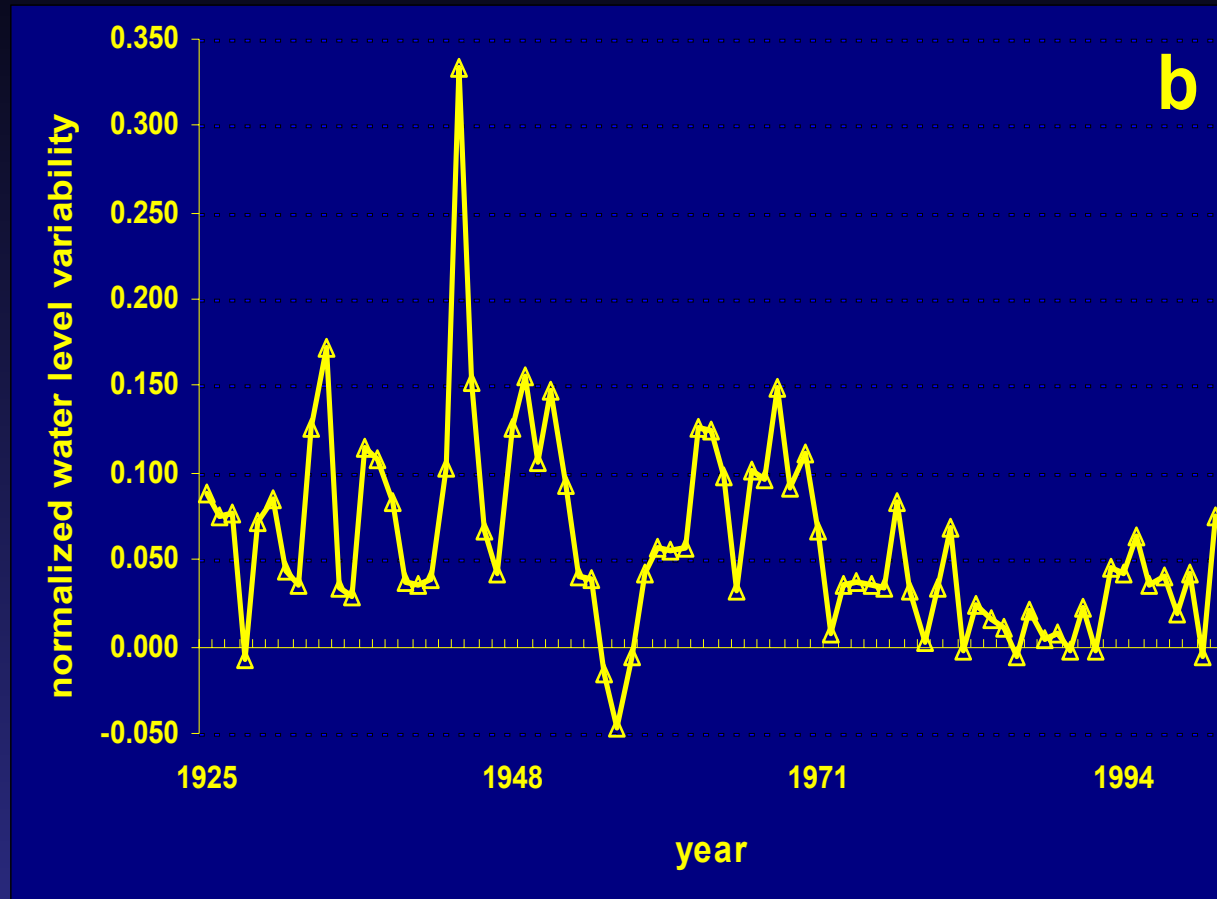


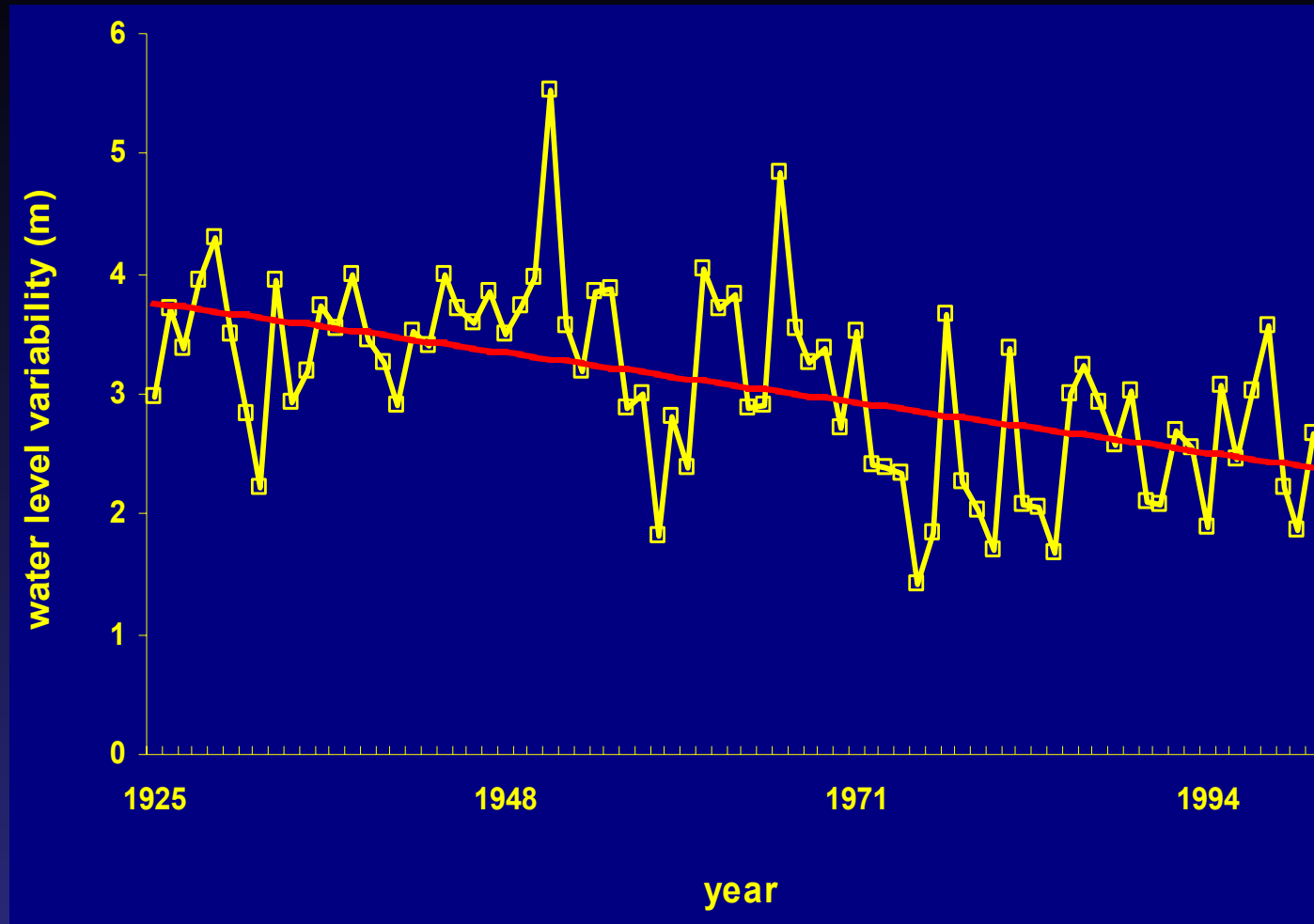




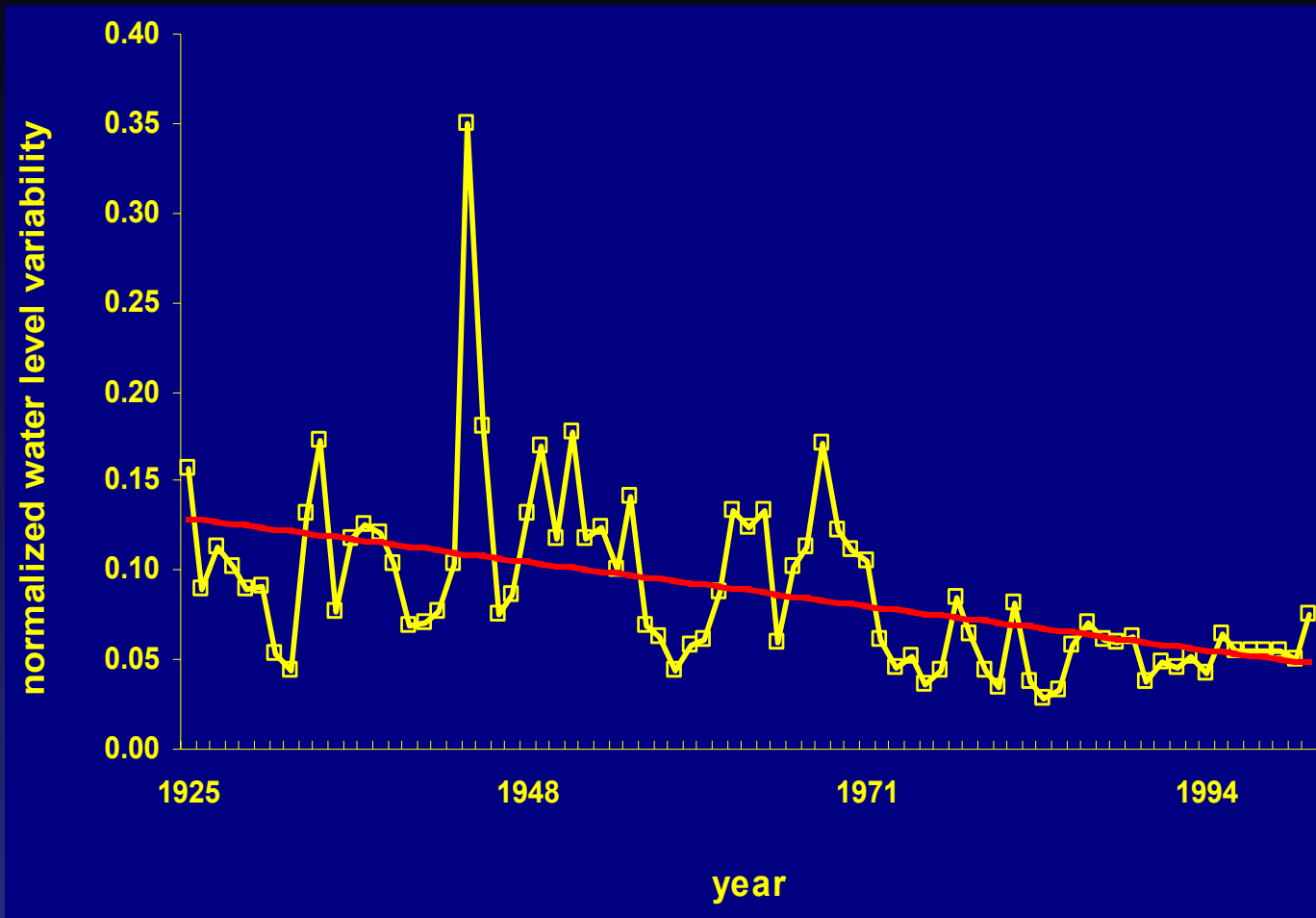


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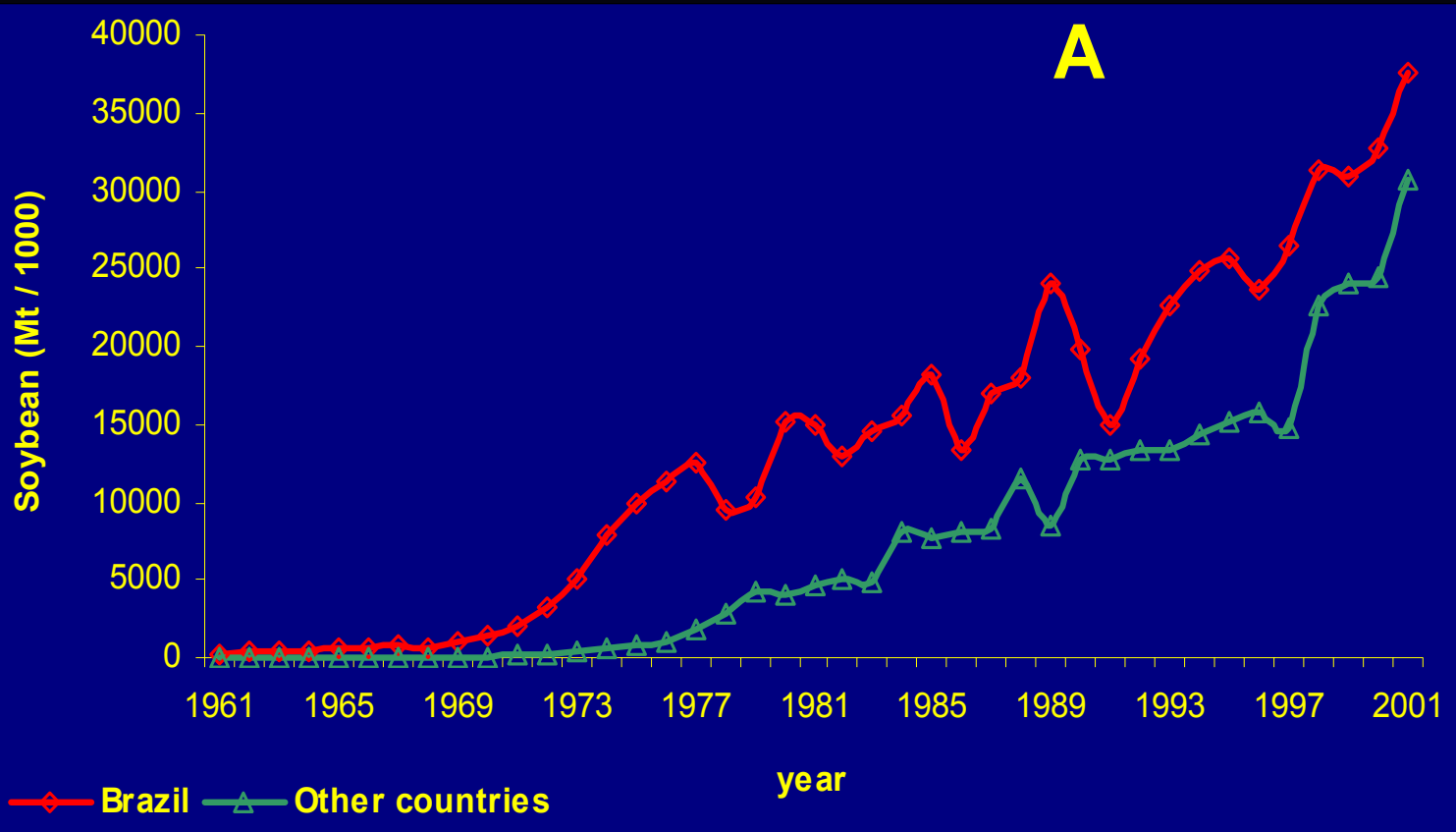
for the upper Parana basin, the annual flood was practically lost (reservoirs)
for the lower basin, the annual flood was drastically diminished



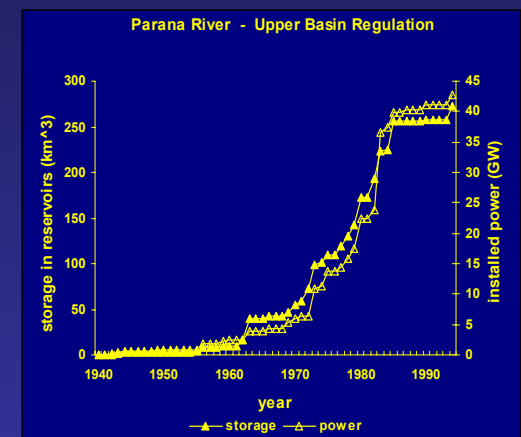
	commercial energy use	electric power consumption
	kg of oil equivalent/10⁶	kwh/10⁶
Brazil	179486	305047
Other countries	76193	83433

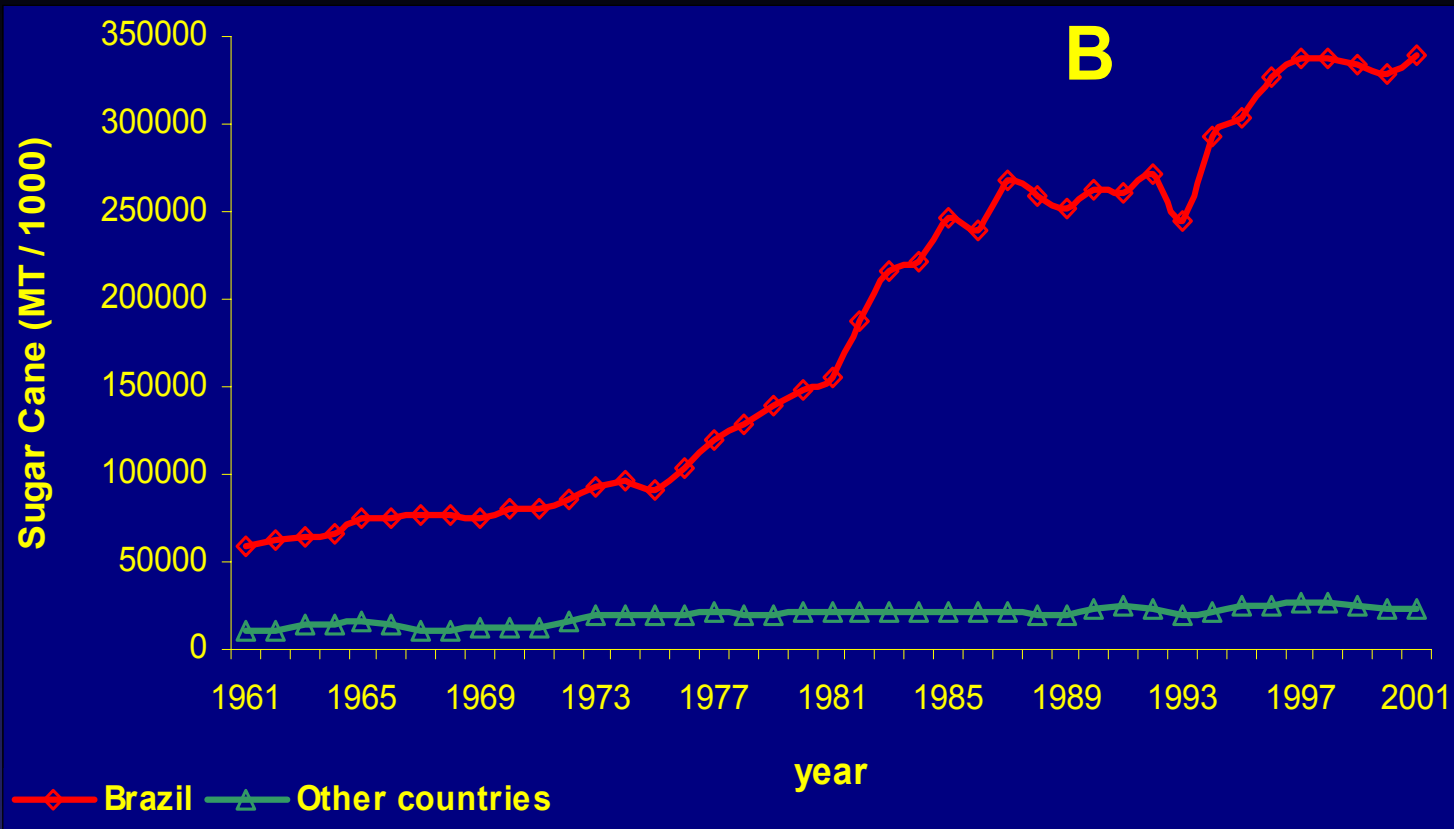
source World Bank tables, 1998

the upper Parana basin is more developed (reservoirs) than the lower basin

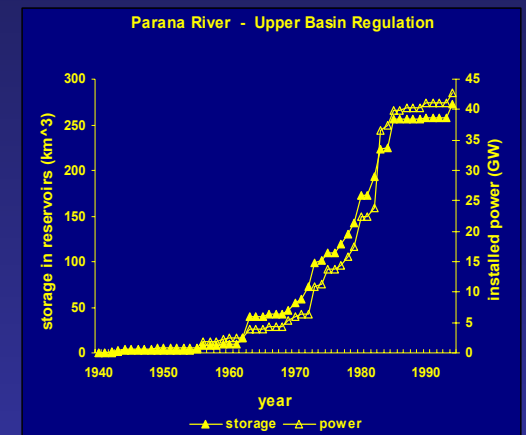


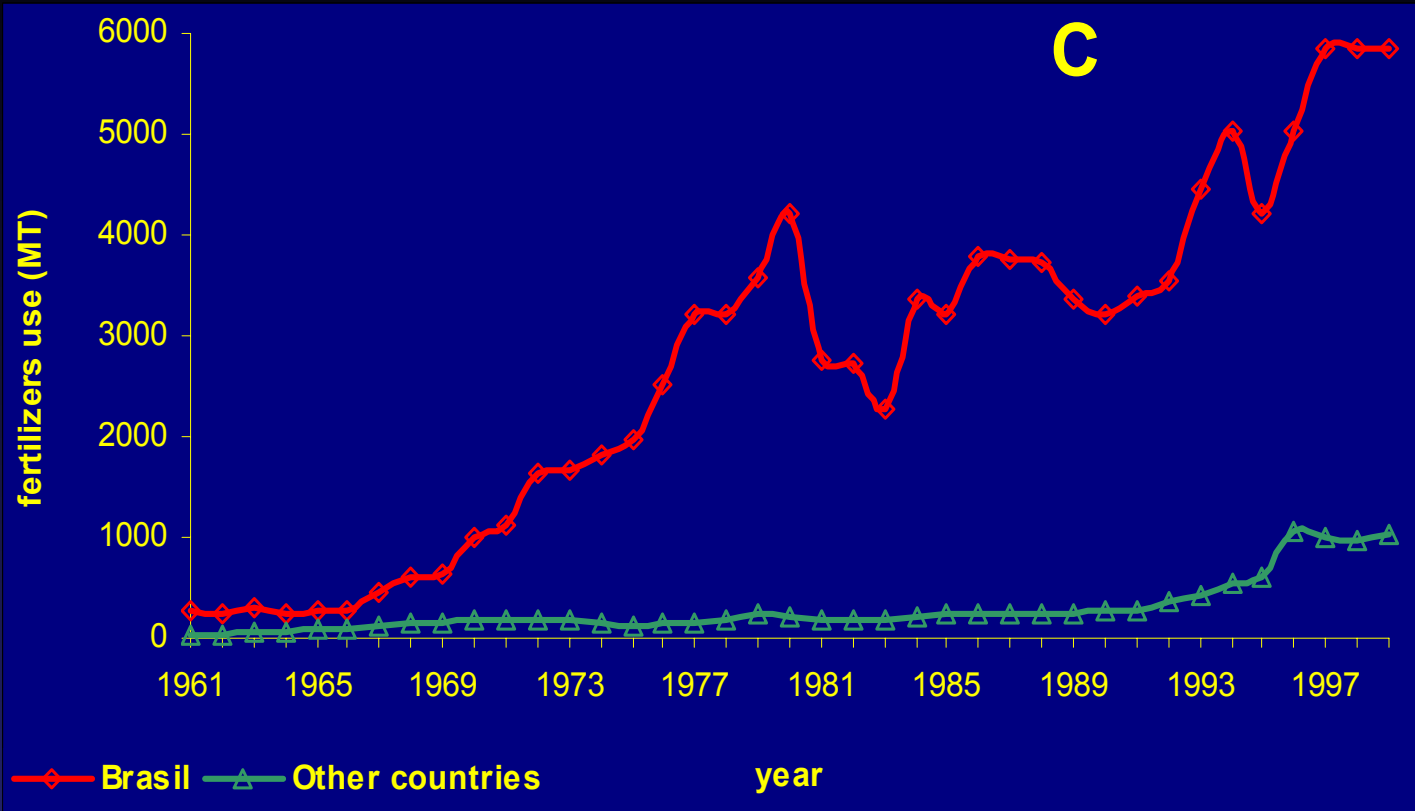
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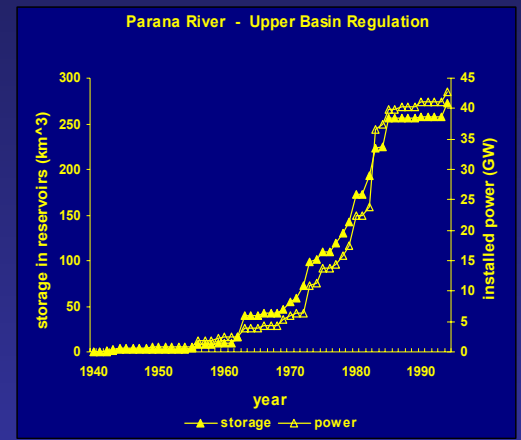


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floraciones de cianobacterias tóxicas

- avanzar en la taxonomía de las cianobacterias
- avanzar en la fisiología de las cianobacterias
- caracterización molecular de cianobacterias tóxicas
- desarrollo de métodos de control local de floraciones
- ...
- distribución regional / temporal de las floraciones
- monitoreo permanente e intensivo en el ambiente
- red de alerta / alerta temprana
- monitoreo toxinas en agua para consumo
- toxicología humana y animal
- información al público
- ...
- adecuación de las tecnologías de potabilización
- fuentes alternativas de provisión de agua potable