

US EPA ARCHIVE DOCUMENT

# Session I- Wednesday Morning - Biology

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## Main Topics of Discussion

- Biomarkers vs. Whole Organism Assays
  - Biomarkers linkage to population effects
  - What is baseline ecological significance?
  - What is a significant effect?
- POTW concerns
  - **Water re-use, biosolids**
  - **treatment tools now!**
  - **stormwater/ non-point source & biosolids**

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- What PPCPs to look for?
  - illicit substances, psychotropics, antibiotics...not just endocrine disruptors
- Can compounds be re-engineered to biodegrade under specified circumstances?
  - efficacy is a priority; costs too high at present time