Colleagues - see below for a revised outlines and subtopics list related to the River Restoration theme; this is the organization we will use for the Academic Showcase Presentations, and to frame our weekly seminar discussion:

(1) Introduction (TAYLOR)
   (A) What is Watershed Assessment?
   (B) What is River Restoration?
   (C) Goals and Objectives
      (i) Salmonid Recovery
      (ii) Riparian Ecology

(2) Physical Channel Structure and Morphology (KATIE)
   (A) woody debris and bed composition
   (B) channel form and morphology "the meander"
   (C) channel incision
   (D) Case Study Examples from Pacific Northwest Rivers
      (i) Example of natural / healthy river morphology
      (ii) Example of degraded / unhealthy river morphology

(3) Hydraulics and Sediment (RYAN)
   (A) Streamflow, discharge
   (B) Floodplain connection / side channels
   (C) Sediment transport / gravel
   (D) Case Study Examples from Pacific Northwest Rivers
      (i) Example of natural / healthy river sediment composition
      (ii) Example of degraded / unhealthy sediment composition

(4) Water Quality and Fish Habitat Assessment (DYLAN)
   (A) temperature
   (B) nutrients
   (C) turbidity
   (D) Case Study Examples from Pacific Northwest Rivers
      (i) Example of natural / healthy water quality – fish habitat
      (ii) Example of degraded / unhealthy water quality – fish habitat

(5) Engineered Restoration Strategies I - Fish Passage and Riparian Habitat (IAN)
   (A) Roads / Culverts
   (B) Dams
   (C) Riparian Restoration (Native Plants, Channel Tree Cover / Shading, Beaver Reintroduction)
   (D) Case Study Examples from Pacific Northwest Rivers
      (i) Examples of completed road/culvert, dam, riparian plant restoration initiatives

(6) Engineered Restoration Strategies II - Channel Form and Composition (ESTEBAN)
   (A) LWD
   (B) Gravel Retention / Placement
   (C) Channel Form Modification
   (D) Case Study Examples from Pacific Northwest Rivers
      (i) Examples of completed LWD, gravel, channel restoration initiatives

(7) Conclusion (TAYLOR)
   (A) Census / State of River Restoration in U.S.
   (B) Project Monitoring and Evaluation