

# Environment breakout session

## Emerging Issues in Water

- Water is wasted because its cheap
- Habitats for species
- Ecosystems services
- How climate change will affect water supply
- Snow pack – just a few degrees over will affect a lot
- Water availability
- Water supply competition
- Wetlands can carry weight on how water gets distributed against agriculture and urban
- Good environmental stewardship for storage to preserve environmental water
- Recycling impact on humans, animals and plants
- How much water should be in the shallow vs. river area
- Not just restoration
- Maintain flow and water levels
- Maintaining plants and aquatic
- Basin plans – created with the general fund, revision in san Joaquin river are underway
- Conservation – yards, zero scaping, education programs
- Zero scaping – subdivisions don't help, home owners association require home owners to maintain their yards
- How do we move water between areas that have surplus
- Share water resources in the state
- Need data – monitoring of water, boundary conditions, monitoring for the whole state
- Educating and regulatory are the best area we as a whole can make a change
- We need to get research funded, do what we do best, research and educate, funding mechanisms that are being developed to work across all CSU
- Water use efficiency
- Water management quality data in the state
- In order to get money you have to educate government on what they need to know and educate them on what expertise we have so they can give us money.
- Create linkages and produce something larger than what we have now

## Communications recommendations

- Placing funding opportunities on website
- Using FRESCA to its full potential
- Need – how others can fit in to your proposal
- Share technology/equipment
- Regional follow-up to this meeting

- Listserve
- Encourage everyone to learn about each other and stimulate collaboration
- Form teams for grant proposals
- Giving faculty release time to submit collaborative large proposals
- Fresca – field of what you want/need – equipment, ideas, “willing to work on....”
- Make short curriculum available
- Search the database/fresca for “willing to....” Looking for specific skills
- What can I work on that would leverage others work

#### **Other ideas**

- Join local water control boards – they have a lack of people with a science background
- Issues - we get credit for doing disciplinary work, don't get credit for interacting with policy people
- Make recommendations made by good science
- What research are we working on that is useful to California?