



INSTITUTE FOR WATER AND WATERSHEDS

Update and Future Plans
Deans' Advisory Board

5 February 2007

By

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Director



Outline

- Review – IWW Goals and Strategy
- Recent Accomplishments (since 11/1/06)
- Funding Opportunities: Near- and Long-term
- Other Opportunities
- Advisory Board
- Next 12 months
- Fundraising
- IWW at Maturity
- TOWS – Threats, Opportunities, Weaknesses, Strengths
- Advice from Deans





IWW Goals


- **Synthesis of Research, Teaching, and Outreach**
- **Integration of Water Policy, Science, and Engineering**
- **Innovative Education Programs**
- **Increase High-impact Funding Success**
- **One Place for Water and Watersheds at OSU**
- **Attracting the Best and Brightest Future Leaders**
- **Innovation and Excellence in Water and Watershed Management**



IWW Strategy

- **Create a new Institute**
 - **Coordinate, facilitate, communicate, innovate**
- **Engage the Faculty**
 - **Pilot projects**
 - **New/Improved course delivery**
 - **common course repository**
 - **place-based learning environment – Oak Creek**
 - **Identify/capture new opportunities**
 - **Water Collaboratory – synergy in research capacity**
- **Engage Stakeholders**
 - **Conferences/workshops**
 - **Director Roadtrip**





Some Recent Accomplishments

(since Provost's meeting 11/1/06)

- Awarded 5 USGS mini-grants (\$82K)
- Awarded \$50K in research funds directly to 5 graduate students
- Weekly Film series – Winter term
- NSF CZO (Critical Zone Observatory) proposal submitted (\$4.2M, 5 years)
- FY 2008 Federal agenda proposal approved - \$1.5M for Joint Northwest Water Institute
- WaterWired blog initiated:
aquadoc.typepad.com/waterwired
- Willamette River Flow Recommendations workshop in Salem (January 16-17) – USACE & TNC

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Funding Opportunities: Near-Term (c. 1 year)

- Challenge Program for Water & Food – Research and Training with Partner Institutions in Africa or SE Asia
- UNESCO Category II Center
- USAID RFP – Natural Resource Management in Jordan (mid-April)

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Funding Opportunities: Long-Term (>1 year)

- **UNEP Global Environment Facility International Waters focal area: Surface Water – Ground Water issues**
- **PNW Hydrologic Observatory – NSF, other sources**
- **Great Basin Sustainable Ecosystems Partnership (Cooperative Ecosystem Study Units Network)**



Other Opportunities I

- **Legislative**
 - Meeting with Rep. Jackie Dingfelder, February 6**
 - Presentation on Capitol Hill, February 14**
 - Meetings with Congressional staff, February 13, March 6**
- **Promotional**
 - Portland area water managers – OSU climate change expertise, February 7**





Other Opportunities II


- **Snake/Columbia River Energy and Water Summit (Summer 2007)**
- **Water Policy Conference (November 2007)**
- **Centennial Water Conference 2009?**



Other Opportunities III

- **Klamath Basin**
Mediation, shared vision modeling
- **Umatilla Basin**
Transboundary (OR-WA) “non-renewable” ground water, local management, modeling of aquifer system
- **Coastal Water Supplies**
- **Measure 37 and Water**





IWW Advisory Board – Composition (15 max; by 5/1/07)

- Elected officials (state, county/municipality) (2)
- State agency head(s)
- Managers: utility, irrigation/conservation district (2)
- Federal agency
- Private industry (2)
- Environmental group
- Watershed council coordinator
- Trade organization
- Foundation
- Private citizen (“non-water” person)
- OSU or OUS representative(s)
- Tribe

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Next 12 Months I

- Joint Northwest Water Institute with PNNL, INL
- Snake/Columbia Basin Energy/Water Summit – PNNL, INL, OSU, WSU, UI
- Advisory Board by 5/1/07
- Todd Jarvis – Associate Director

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Next 12 Months II

- **Water Collaboratory: move to FSL (4/1/07) – home for foreseeable future**
- **Building plans: work with Facilities and Planning, “brainstorm”, produce plans (UO Architecture)**
- **Fundraising**



Fundraising I

Capital Campaign request - \$14M (pending approval)

- **Fellowships/Scholarships - \$3M**
- **Endowed Chair in Law/Policy - \$3.5M**
- **Seminar Series - \$1M**
- **Research Professorship - \$2M**
- **Research-Teaching Fund - \$3M**
- **Visiting Professorships - \$1.5M**





Fundraising II

Rep. Blumenauer request: “What would it take to make OSU #1 water school?”
OSU Water Agenda - \$57M

List includes all items on CC list, plus:

- Four Assistant Professors - \$10M
- IWW Operating Endowment - \$10M
- IWW-INR Building - \$20M
- Water Resources Graduate Program - \$3M



Fundraising Strategy

- Revise list of donors – individuals, organizations, etc.
- Work with cognizant OSUF development officers
- Enlist faculty, administrators, advisory board
- Goal: raise at least \$5M/year





IWW at Maturity I

- Sustainable funding
- Visiting/endowed professorships
- Physical home
- WRGP – operational responsibility



IWW at Maturity II


- Endowments for fellowships, scholarships, seed money
- Enhanced external funding, especially international
- Linkages: PSU, OHSU, UO
- JNWI: firmly established
- PNW Hydrologic Observatory supported






TOWS


- **Threats** – 1) Federal budget situation; 2) state budget; 3) sustainability
- **Opportunities** – 1) PNNL/INL partnership; 2) international; 3) world-class hires; 4) non-traditional funding streams
- **Weaknesses** – 1) competitors have more resources; 2) a few missing pieces
- **Strengths** – 1) world-class faculty; 2) unique integration, collaboration, community; 3) national/international profile



Advice from Deans

- **Near-term**
Priorities, funding and fundraising leads/strategies, advisory board members, funding model for IWW
- **Long-term**
Faculty hires, priorities, funding and fundraising leads/strategies





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Thank you!

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