Boykin Witherspoon III

Executive Director, WRPI Director of Programs, WRI CSUSB

Julie Lappin

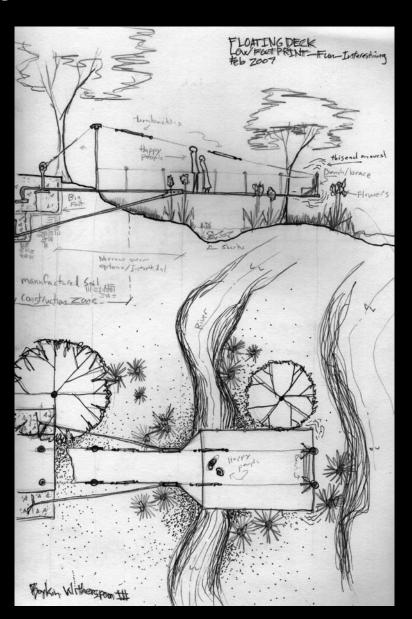
Program Manager, WRI CSUSB

For this afternoon:

- Who Am I
- WRPI Activity
- WRPI Initiatives

Master Landscape Architecture





10 Years as a Professor





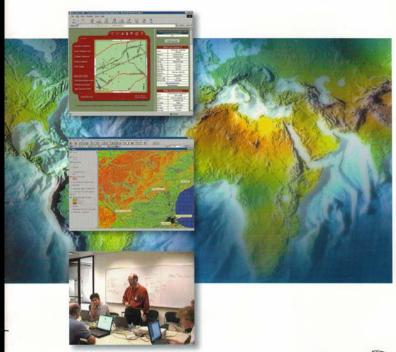


6 Years with ESRI



SRESP Professional Services al Serv

Let us help implement your GIS







CSUSB WRI





The WRI is an outreach partnership between CSUSB and the Southerr we serve, driven by the vision that sustaining water resources rests or and public policy collaboration. The Historical Aerial Photo Collection is comprised of images of Southern California beginning in the 1920s. The geographic areas include much of Southern California from deserts to the Pacific Ocean. The images in these flights are from the Joseph Andrew Rowe Water Resources Archives and represent various collections that are held by the



CSU Employee from 2006

Executive Director



Water Resources and Policy Initiatives

Director of Programs Water Resources Institute



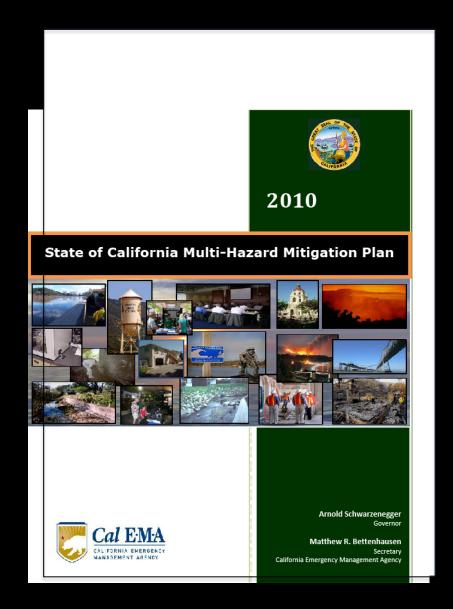
Director, Center for Geographic Information
Science Research

CAL POLY POMONA

Lecturer, Dept. of Landscape Architecture



Worked with Cal EMA and DWR / FEMA



ALLUVIAL FAN TASK FORCE

The Integrated Approach

For Sustainable Development On Alluvial Fans



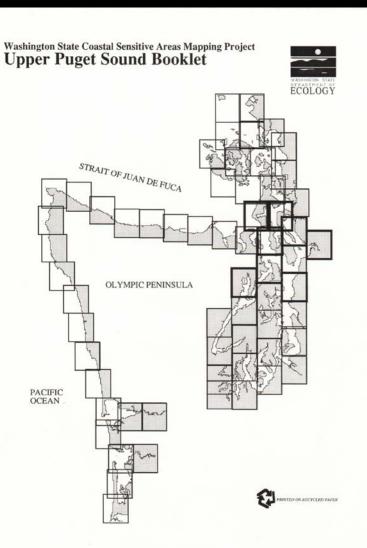


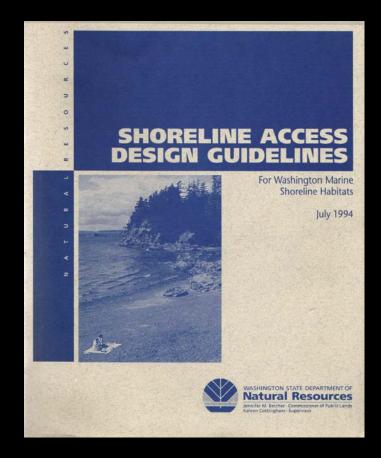


JULY 2010



Coastal Development and Oil Spill





ESI to Inland Interior Waters (Nigeria)

ESI Mapping Standards and Protocols

Final

Nigeria OPTS March 2002

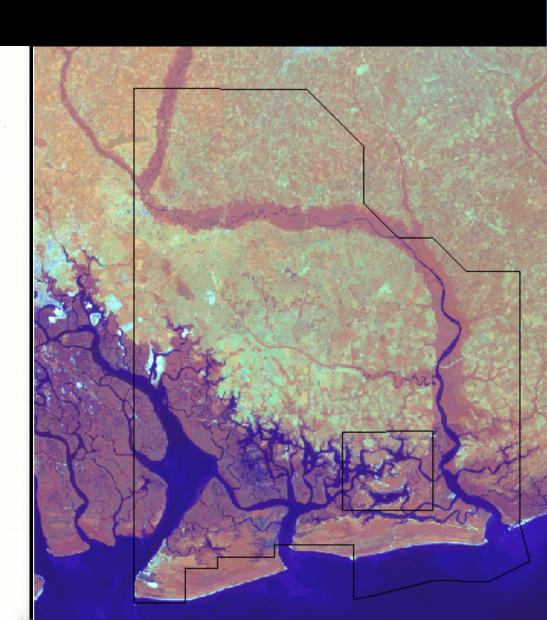
Prepared for:

Oil Producers Trade Section (OPTS) Lagos Chamber of Commerce Chevron Nigeria Limited 2 Chevron Drive Lekki Peninsula, PNB 12825 Lagos NIGERIA

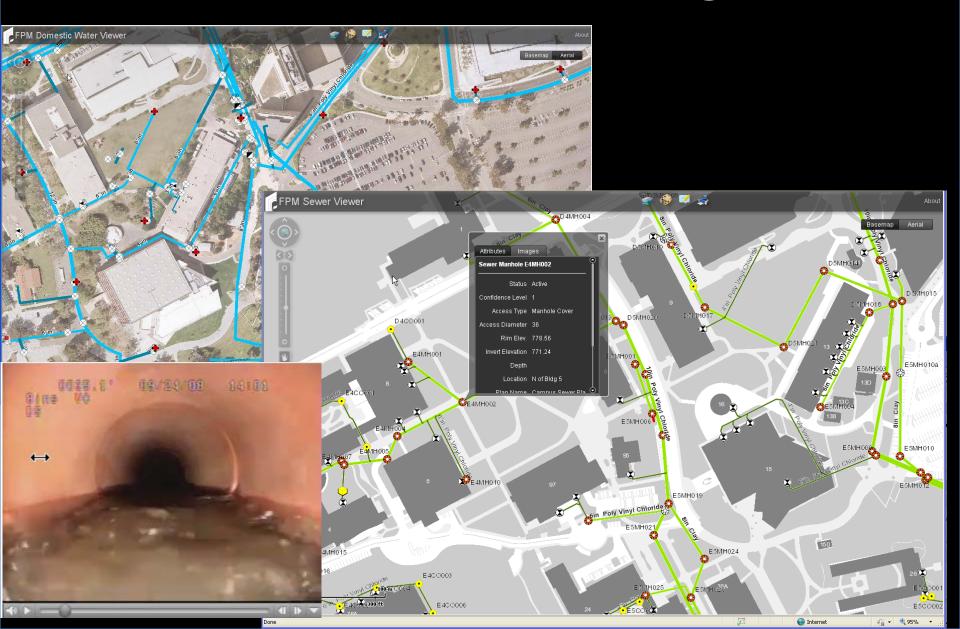
Prepared by:

ESRI 380 New York Street Redlands, California 92373-8100

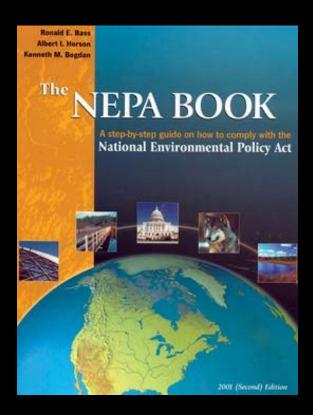
Environmental Resource Managers Ltd. Plot 107A Imam Abibu Adetoro Street Off Ajose Adeogun Street Victoria Island, Lagos NIGERIA

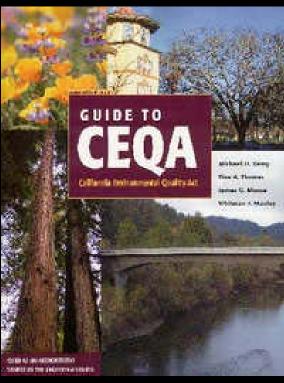


Water Infrastructure Management

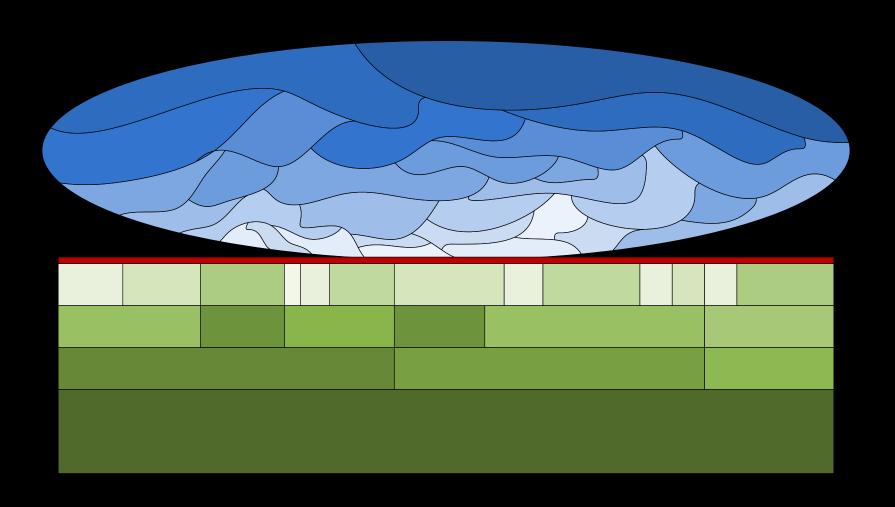


Policy and Regulatory Experience





Policy and Regulatory Experience



WRPI Activity

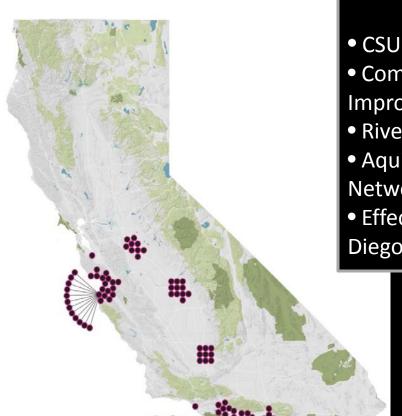
WRPI Internship Program

Program Specifics

- Objective: Increase awareness, retention, and graduation rate of qualified underrepresented CSU students, leading towards USDA career attainment
- Experiential approach to learning in the field of watershed management
- 50 Interns placed per year
- Total Salary: \$4,500
 - Undergraduate \$12.50/hour
 - Graduate \$15/hour
- Up to \$560 for approved supplies and/or mileage reimbursement
- \$40,000 scholarship for pursuit of Ph.D. in USDA relevant discipline
- Accepting applications for Year 3 now through October 1, 2013



WRPI Internship Program



INTERNSHIPLOCATIONS

Examples of Projects:

- CSUB San Joaquin Valley Paleoriver Discharge Record
- Community Outreach and Draft Watershed
 Improvement Plan for Regional Stormwater Program
- Riverine Surface Water Quality Monitoring
- Aquifer Recharge Project and Wireless Irrigation
 Network Project
- Effects of Nutrient Loading on Water Quality in San Diego Reservoirs

Examples of Host Organizations:

- 14 CSU campuses
- USDA
- California Fish & Game
- RCD Santa Cruz County
- San Dieguito River Park
- Ventura Coastkeepers
- Tuolumne River Trust
- Monterey Co. Water Resources
 Agency

WRPI Internship Program Resources

Total Interns

Placed to Date:

100

Total Funding Received to

Date:

\$1,050,695

Over **69%** of the dollars received go directly to the campus partners for students

Amounts to CSU Partners:

Bakersfield \$60,075

Channel Islands \$6,675

Fresno \$73,425

Fresno (subaward) \$51,744

Los Angeles \$35,348

Monterey Bay \$200,250

Northridge \$44,040

Pomona \$33,375

San Bernardino \$42,119

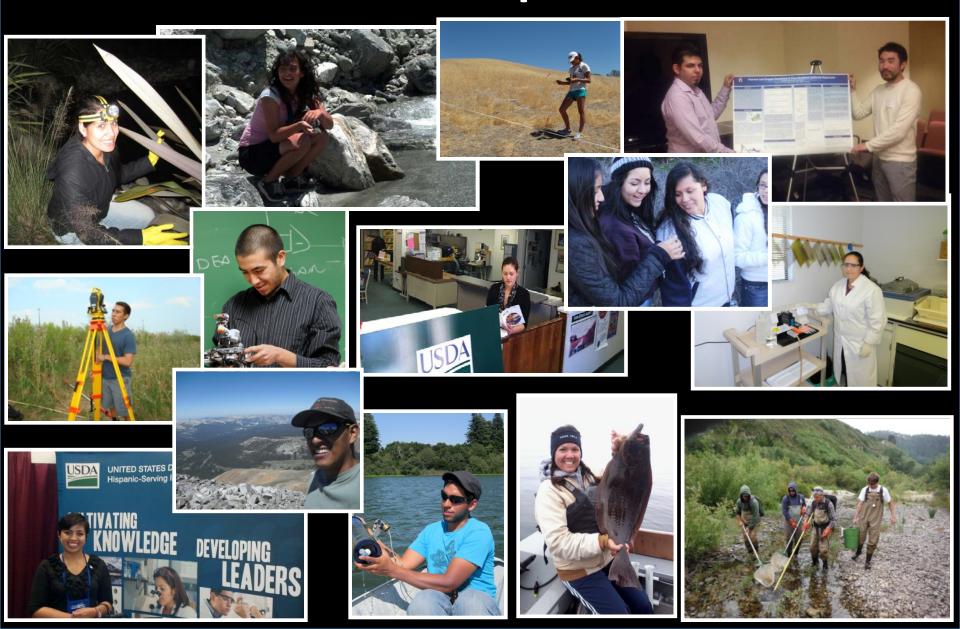
San Diego \$66,750

San Marcos \$55,487

Stanislaus \$60,075

Total paid: \$729,363

WRPI Internship Students



WRPI USDA RUS Research

USDA Rural Utilities Services Grant \$150,000, one year

3 Detailed DAC Studies – CSU CEU Course Material

CSU Fresno and CSUSB



WRPI STEAM and DOE MSEIP Proposals

\$200,000 for 4 years
CSUSB, Cal Poly Pomona, CSU Fresno
Adds Ag to STEM
Similar to current USDA
New Concept Single student multiple years
First year with a professor
Subsequent years off site internship



\$250,000 for 3 years

New Concept Single student multiple years

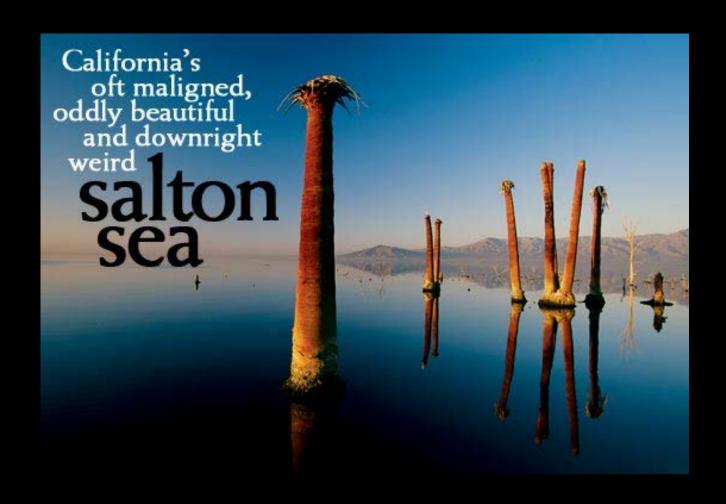
First year with a professor

Subsequent years off site internship



WRPI Initiatives

WRPI California Project Based Research



WRPI California Project Based Research

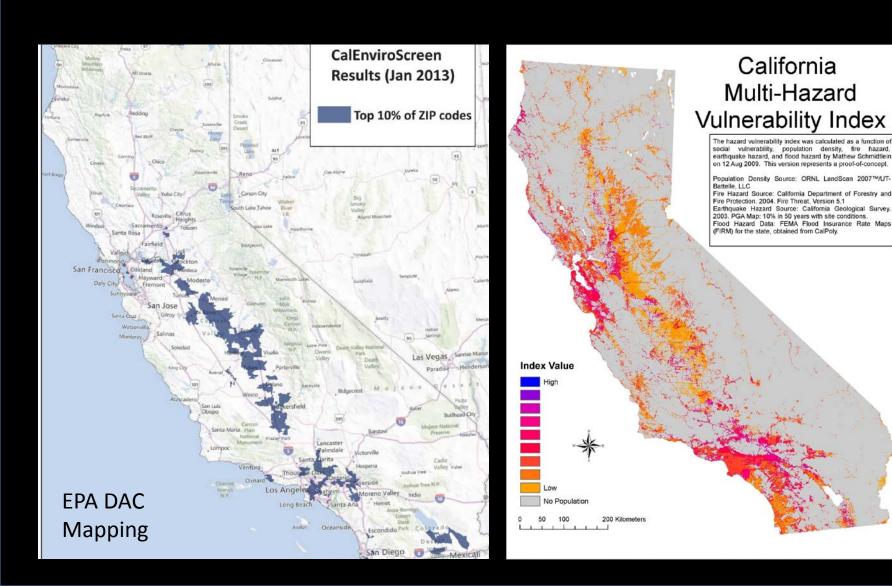


WRPI DWR IRWMP





WRPI DWR IRWMP



WRPI Water Education (MWD)



WRPI MOU and Cooperative Agreements





WRPI MOU and Cooperative Agreements





Thank you very much...

Boykin Witherspoon III

Executive Director
CSU Water Resource & Policy
Initiative

Director of Programs
Water Resources Institute
Cal State San Bernardino