

## **Curriculum Vitae (2001 – 2006)**

### **William M. Fleming**

Associate Professor, Community and Regional Planning  
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### **EDUCATION**

PhD, University of British Columbia.  
Civil Engineering (water resources)

MS, Colorado State University.  
Watershed Management

AB, Dartmouth College. Geology

### **CURRENT POSITION**

Associate Professor, Community and Regional Planning Program, School of Architecture and Planning,  
University of New Mexico.

### **TEACHING INTERESTS**

Watershed Management, Regional Studio, Introduction to Environmental Problems, Modeling the  
Environment, Foundations of Natural Resources Planning.

### **TEACHING EXPERIENCE**

Watershed Management (1993-2006)  
Introduction to Environmental Problems (1998-2006)  
Watershed Evaluation and Restoration Methods (1997)  
Advanced Planning Studio (1999-2006)  
Modeling the Environment (1999-2006)  
Foundations of Natural Resources Planning (2001-2006)

### **AFFILIATIONS**

American Planning Association  
New Mexico Riparian Council, Board of Directors  
Santa Fe Watershed Association, Technical Advisory Committee  
Galisteo Watershed Association, Technical Advisory Committee  
UNM Master of Water Resources, Program Board

### **CONSULTANCIES**

Rangeland Sedimentation Survey, Chilton Ranch, Arivaca, Arizona. 2002  
Rangeland Riparian Health and Erosion Analysis, Chilton Ranch, Arivaca, Arizona. 2002

## **FUNDED RESEARCH**

2006-2008 Co-Investigator (with J. Rivera): Mora Watershed Evaluation Project, \$15,000 to support graduate students, \$12,000 for water quality equipment, travel and presentation at conferences.

2002-2003 Principal Investigator: River Source/NM Game & Fish, \$13,100 (\$3500 to support a CRP graduate assistant): environmental education project to continue Watershed Watch program, teaching middle and high school teachers and students to monitor water quality and watershed health in 20 NM watersheds where schools are located and where land use issues impact water quality and riparian health.

2002-2003 Co-Investigator (with David Henkel): NM Comprehensive Outdoor Recreation Plan, \$110,000 (supporting 4 CRP graduate students): to update the state's outdoor recreation plan, including a public participation component and an inventory of the state's facilities, wetlands and trails.

2002-2004 Co-Investigator (with Michael Campana, Michelle Minnis and others): US Agency for International Development Program "Institutional Partnerships in Higher Education for International Development," \$100,000: to establish a Central American Water Resources Development Center with the Escuela Agrícola Panamericana (Zamorano) in Honduras.

2002-2004 Faculty Participant (Principal Investigator: Teresa Cordova): Bernalillo County and City of Albuquerque \$78,410 (supporting CRP graduate students): South Valley Water Utilities Extension Project, public involvement program to ensure that residents are basing their perspectives on their own values and available technical information.

2002-2004 Faculty Participant (with Michael Campana and others): funded by NATO, Science for Peace Programme and the Organization for Security and Cooperation in Europe (\$370,000, with \$42,000 allocated to the US): South Caucasus River Monitoring Project to assist the Republics of Armenia, Azerbaijan and Georgia in watershed management and STELLA water resources modeling.

2002 Travel Grant from Water Resources Program for March field trip to Rio Gavilan watershed in northern Chihuahua with 20 students, \$500: watershed health survey of watershed 75 years after Aldo Leopold's essay Song of the Gavilan described ecological health; survey of riparian health and watershed condition.

2002 NM Game & Fish grant \$200: recording rain gage for School of Architecture & Planning; initiation of environmental monitoring plan for the new School of Architecture and Planning building.

2002 UNM Extended University, Distance Learning Program: \$3,000: adapting Watershed Management course for Distance Learning to reach communities (Los Alamos, Santa Fe, Socorro, Las Cruces, Taos).