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U.S. Department of Agriculture AD-421 Progress Report U.S. Dept. of Agriculture, State Agricultural Experiment Stations and Other Institutions			Date (Month, Day, Year) 07/18/2006
1. Accession	Agency Identification No.	5. Work Unit/Project No.	6. Status
0203484	2. CSREES 3. NC.Z	NCZ09455	Progress
7. Title			
Strengthening Global Competence of Students and Faculty Through Collaboration in Forestry			
12. Investigator Name(s) (Last Name and Intials)			
Sills, E. O.; Allen, H. L.; Frederick, D. J.; Moore, S. E.			
20. Termination Date 03/14/2009		40. Period Covered (mo/da/year): 1/1/2006 to 6/30/2006	
Students Funded:		Faculty Hours Funded:	
41. Progress Report:			
<p>Faculty traveled to Chile with partial support from travel grants provided by the project. Drs. Bill Dvorak, Gary Hodge, Barry Goldfarb and Bailian Li participated as instructors in the International Course on Forest Genetics and Biotechnology held in Concepcion March 27 to April 7th, 2006, attended by 40 people. During their visit, Dr. Goldfarb (Head of the Department of Forestry and Environmental Resources) and Dr. Li (Vice Provost for Interantional Programs) also initiated planning for a joint PhD program in Forestry and undergraduate exchange. Spanish language training continued for a second semester for students, faculty and staff of the Department of Forestry and Environmental Resources, NCSU. Fifteen people registered for the beginner training and ten for the intermediate. Evaluations were generally excellent, and nearly all participants are interested in further training in Spanish.</p>			
43. Publications			
No Publications Reported			
Products			
Dr. Doug Frederick has produced a DVD movie on the endangered Alerce Forests of Chile.			
Outcomes			
<p>Twenty five NCSU faculty and graduate students benefited from Spanish language training. In their evaluations of the training, a majority of the participants indicated that their Spanish had improved and the training met their needs. Fourty Chileans from the forestry sector benefited from training in forest genetics and biotechnology through a short course taught by NCSU faculty who were supported by travel grants from this project.</p>			
Dissemination Activities			
The project Website went 'live' at http://www.ces.ncsu.edu/nreos/forest/feop/Chile/index.htm and is being updated			

regularly with project exchange activities and information. The project and corresponding website were announced in a 3-page article in the Spring 2006 edition of *Sylvanet*, a publication of the International Forestry Program of the College of Natural Resources at North Carolina State University (http://www.cnr.ncsu.edu/for/research/sylvanet/SYL19_1_S06.pdf, pages 19-22). Dr. Lee Allen presented a departmental seminar to students and faculty on March 13, entitled *Chile: Contrasts and Opportunities* which included an overview of Dr. Allen's recent sabbatical to Chile and study and research opportunities available through the NC State Forest Nutrition Cooperative. Dr. Doug Frederick produced a DVD movie on the endangered Alerce Forests of Chile, and presented this at a departmental seminar to students and faculty entitled *The Forests of Chile* on April 10. Jose Alvarez, visiting scholar from Chile, gave a guest lecture in an undergraduate course, FOR414, on intensive forest plantations in Chile on April 12.

Future Initiatives

Planning is underway for spring break study tours in March 2007 (industrial forestry) and 2008 (natural forest management) for students and faculty. Discussions regarding a joint PhD program and undergraduate exchange are on-going. Travel grants were awarded (for future travel) to (1) Dr. Fred Cabbage, to build a collaborative research program on sustainable forest management and certification, and (2) Dr. Stacy Nelson and two colleagues to develop an educational program in GIS, remote sensing and spatial analysis techniques. Drs. Erin Sills, Subhrendu Pattanayak, and Fred Cabbage had abstracts accepted for presentation at the Tercer Congreso Chileno de Ciencias Forestales in November of this year. Dr. Doug Frederick has recruited a new PhD student to participate in his research on forest management in the Valdivia watershed; the student will receive a departmental assistantship, while this project provides funds for field research. Dr. Pablo Donoso (Univ Austral) will visit NCSU this fall for research collaboration with Dr. Doug Frederick and his new PhD student.

Impacts

None Reported

Approved (Signature)	Title	Date