

Educ - Special Programs
Forest Utilization Research

Description:

Forest Utilization Research

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Forest Nursery Research/Teaching/Service.

A. Secure at least two new research projects each year to match state funded project.

Actual Results			
1996	1997	1998	1999
3	3	3	4
Projected Results			
2000	2001	2002	2003
4	3	3	3

B. Conduct at least thirty workshops and/or demonstration tours annually.

Actual Results			
1996	1997	1998	1999
75	33	32	50
Projected Results			
2000	2001	2002	2003
55	60	60	60

C. Provide assistance to Idaho land owners regarding species selection, site preparation and planting practices (110 contacts per month).

Actual Results			
1996	1997	1998	1999
2,560	1,456	1,140	1,600
Projected Results			
2000	2001	2002	2003
1,800	2,000	2,000	2,000

2. Seeding Industry Research.

A. Secure at least two new research projects each year to match state funded project.

Actual Results			
1996	1997	1998	1999
1	3	1	2
Projected Results			
2000	2001	2002	2003
2	2	2	2

B. Conduct at least twelve demonstration tours of the micropropagation unit.

Actual Results			
1996	1997	1998	1999
12	12	15	15
Projected Results			
2000	2001	2002	2003
15	18	18	18

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C. Produce at least two publications per year.

Actual Results			
1996	1997	1998	1999
1	3	2	8
Projected Results			
2000	2001	2002	2003
8	10	10	10

3. Experimental Forest-Research/Teaching/Science.

A. Secure at least one new research project each year to match state funded project.

Actual Results			
1996	1997	1998	1999
1	1	0	1
Projected Results			
2000	2001	2002	2003
2	2	2	2

B. Conduct at least twelve workshops and/or demonstration trips annually.

Actual Results			
1996	1997	1998	1999
12	11	12	12
Projected Results			
2000	2001	2002	2003
12	12	12	12

C. Produce at least one publication per year.

Actual Results			
1996	1997	1998	1999
1	1	1	2
Projected Results			
2000	2001	2002	2003
2	2	2	2

4. Policy Analysis Group.

A. Produce at least ten briefs, reports and/or publications per year.

Actual Results			
1996	1997	1998	1999
9	14	10	22
Projected Results			
2000	2001	2002	2003
10	10	10	10

B. Participate in at least twelve invited presentations per year.

Actual Results			
1996	1997	1998	1999
12	22	12	15
Projected Results			
2000	2001	2002	2003
12	12	12	12

Program Results and Effect:

The ultimate effect of this program is to increase the productivity of Idaho's forest by conceiving, analyzing, and developing methodologies that:

- 1) Improve intensive forest harvesting practices.
- 2) Improve and increase wood use and wood residue utilization technologies.
- 3) Improve forest regeneration and forest nursery management practices.
- 4) Demonstrate state-of-the-art scientifically, socially, and environmentally sound forest nursery, forest regeneration, and forest management practices.
- 5) Provide through the Policy Analysis Group unbiased, factual, and timely information on natural resources issues facing Idaho's decision makers.

The research development and demonstration programs outlined above make extensive use of the College's Forest Nursery and 7,400 acre Experimental Forest.

For more information contact Richard Bottger at 885-6443.

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Idaho Geological Survey

Description:

The Idaho Geological Survey is the lead state agency for the collection, collation, and dissemination of all geologic and mineral based data for Idaho. It accomplishes this mission by applied research and through public service. The main office is located at the University of Idaho. Branch offices are located at Boise State University and Idaho State University.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Research and public service.
 - A. Number of IGS publications/other publications/abstracts.

Actual Results			
1996	1997	1998	1999
25	46	55	87
Projected Results			
2000	2001	2002	2003
53	53	53	53

- B. Number of presentations.

Actual Results			
1996	1997	1998	1999
57	70	124	85
Projected Results			
2000	2001	2002	2003
85	85	85	85

- C. Grants and contracts.

Actual Results			
1996	1997	1998	1999
\$529,467	\$743,459	\$663,442	\$330,329
Projected Results			
2000	2001	2002	2003
\$330,329	\$330,329	\$330,329	\$330,329

Program Results and Effect:

ENABLING ACT AND MISSION:

The Idaho Geological Survey (IGS) is enabled under State Statute (section 47-201 to 47-204). The IGS is a special program at the University of Idaho with a formal advisory board and a statewide mission as the lead agency for collecting and disseminating geologic and mineral data. In addition to its main office in Moscow, the IGS has branch offices in Boise at Boise State University and in Pocatello at Idaho State University. Our staff of geologists conduct applied research with a strong emphasis on producing geologic maps and providing technical and general information to the public about Idaho geology.

PUBLICATIONS, INQUIRIES, AND SALES:

The IGS publishes a variety of maps, books, and articles available to the public and itemized in an annually updated Publication List that includes over 500 publications produced by the Survey since 1919. Publication sales for FY 1999 totaled \$32,386. In addition to the staff handling an average of about 60 public inquiries each day, the IGS geologists make many presentations and reports throughout the year. The IGS staff produced 87 new publications and gave 85 reports and presentations on Idaho geology in FY 1999.

GEOLOGICAL MAPPING AND RELATED RESEARCH:

Central to the IGS applied research is geologic mapping and related topical studies that together form the technical content of digital geologic maps, databases, reports, and publications.

Urban geologic mapping:

Since 1985 the IGS has been conducting detailed geologic mapping in selected urban and urbanizing areas of Idaho. The program was initiated in 1986 and was initially restricted to the Boise Valley. In 1994, additional funding through a cooperative agreement with the United States Geological Survey allowed the IGS to expand into Pocatello, Twin Falls, Moscow, and the greater Coeur d'Alene area. The resulting digital geologic maps and databases are in GIS format and are readily usable by local jurisdictions. The colored geologic maps are also for sale.

Regional geologic mapping:

The IGS sets priorities, as funds become available, for geologic mapping in the large areas of Idaho that have never been studied in detail. Results of new geologic studies are digitized and compiled into a statewide database. Previously mapped geology is systematically added to the database.

Hydrogeology:

In selected areas of Idaho, like Pocatello, Boise, Lewiston, and Coeur d'Alene, the IGS works in cooperation with other agencies and university programs to develop better understandings of the geologic controls on recharge, flow, and transport of ground water, and to provide technical information for groundwater protection.

DIGITAL GEOLOGIC MAPS:

The IGS digital mapping and GIS laboratory performs services ranging from digital cartography to spatial data management. The lab uses computer aided design and GIS software to produce new maps for publication and to fashion existing geologic maps into digital map compilations. Starting in FY 1998, the IGS is now able to plot on demand full color geologic maps, thus reducing storage, inventory, and printing costs.

DATABASES, BIBLIOGRAPHIES, AND COLLECTIONS:

Most of the digital geologic maps are also available as GIS databases. Other databases include Mines and Prospects with data on more than 8,300 Idaho mines, and the state's earthquake database and earthquake observatory. Information about the IGS digital geologic databases and Idaho earthquake information is available on the agency's homepage on the University of Idaho website. The IGS has published several technical bibliographies and has compiled an electronic bibliography on Idaho geology. Many of the references are available in special IGS collections at the Moscow Office and include documents on Idaho geology nowhere else available.

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Idaho Geological Survey

GEOLOGIC HAZARDS:

The IGS cooperates with the Idaho Bureau of Disaster Services, both formally and informally to mitigate, respond, and recover from the impacts of floods, landslides, and earthquakes, and to provide technical analysis in times of natural disasters. The IGS played a significant role in the flood and landslide disaster declarations for 1996 to 1999. The ITS also sponsors educational workshops featuring natural hazard mitigation. In 1999, the IGS completed an earthquake shaking hazards study of Idaho Falls.

MINES AND THE GEOLOGY OF MINES:

The IGS maintains a working knowledge of the geology of all active mines in Idaho. Annually, information on and statistics for Idaho mines are collected and published. The IGS cooperates with the United States Geological Survey in collecting and interpreting mineral statistics and mining data. Abandoned and inactive mines in Idaho are being evaluated and inventoried by the IGS in cooperation with the Idaho Department of Lands, the U.S Bureau of Land Management, and the U.S. Forest Service. The results identify physical as well as environmental hazards, and record each mine's history for future analysis and remediation.

SUPPORT FOR EARTH SCIENCE EDUCATION:

The IGS, the geosciences in general, and the minerals industry recognize the need to educate the public in matters concerning geology and mineral resources. The earth science community is consequently strengthened by this willingness of its members to involve themselves with the general public in areas of their special knowledge and expertise. The IGS staff is always willing to meet with public and private agencies, professional organizations, school classes, hobbyists, local clubs, and youth groups. Through close working relationships with the geology departments at the three state universities, Survey geologists make their expertise available to college-level students, teachers, and other scientists by participating in seminars, field trips, and workshops, by teaching selected upper-division courses, and by directing graduate student research. On the elementary and secondary school level, the IGS is primarily engaged with promoting earth science education with the state's teachers through the Idaho Earth Science Teachers' Association, and by conducting field workshops around the State so that teachers can observe the methods and science of geology in Idaho's own outdoor laboratory.

For more information contact Earl Bennett at 885-7992.

Description:

The mission of the Idaho Museum of Natural History is to acquire, preserve, study, interpret and display objects relating to the natural history of Idaho and the Northern Intermountain West for research and education. The Museum seeks to enhance in the citizens of Idaho and visitors an understanding of and delight in Idaho's natural and cultural heritage. Specific areas of interest encompass the anthropology, botany, geology, paleontology and zoology of Idaho and the Northern Intermountain West. The audiences served include citizens of Idaho, visitors and the national and international community of students and scholars. Information is disseminated through exhibitions, public and professional presentations, publications, formal and informal education, telecommunications and other interpretive programs.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. To collect and provide professional care for the collections and records, including growth of the collections.

- A. Number of artifacts and specimens with associated documentation,

Actual Results			
1996	1997	1998	1999
340,000	352,025	342,000	345,000
Projected Results			
2000	2001	2002	2003
350,000	375,000	400,000	400,000

- B. Percent of objects cataloged on computer.

Actual Results			
1996	1997	1998	1999
40%	45%	50%	60%
Projected Results			
2000	2001	2002	2003
70%	80%%	90%	95%

- C. Number of collection-related grants/contracts.

Actual Results			
1996	1997	1998	1999
6	6	7	4
Projected Results			
2000	2001	2002	2003
6	6	6	6

2. To conduct, facilitate, and promote research.

- A. Number of research-related grants/contracts.

Actual Results			
1996	1997	1998	1999
3	5	4	2
Projected Results			
2000	2001	2002	2003
5	5	5	5

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Museum of Natural History

B. Number of requests, loans, and visits by outside researchers.

Actual Results			
1996	1997	1998	1999
50	50	51	58
Projected Results			
2000	2001	2002	2003
70	80	90	90

C. Number of juried papers in the museum journal, Tebiwa, and Occasional Papers series.

Actual Results			
1996	1997	1998	1999
6	13	7	6
Projected Results			
2000	2001	2002	2003
9	10	10	8

3. To provide and expand educational experiences and interpretive programs for better understanding and appreciation of the region's natural and cultural heritage.

A. Increase number of visitors to museum exhibits.

Actual Results			
1996	1997	1998	1999
28,128	16,248	25,000	27,000
Projected Results			
2000	2001	2002	2003
29,000	32,000	33,100	33,100

B. Present new exhibits each year.

Actual Results			
1996	1997	1998	1999
5	3	3	3
Projected Results			
2000	2001	2002	2003
5	5	5	4

C. Host school children annually.

Actual Results			
1996	1997	1998	1999
13,309	9,807	9,573	10,254
Projected Results			
2000	2001	2002	2003
14,000	15,000	15,000	13,000

D. Number of children's classes / Number of children participating.

Actual Results			
1996	1997	1998	1999
39/433	43/327	58/580	47/461
Projected Results			
2000	2001	2002	2003
60/600	60/600	60/600	60/600

E. Number of outreach visits / Number of children reached.

Actual Results			
1996	1997	1998	1999
54/3,250	37/2,376	36/2,537	50/2,865
Projected Results			
2000	2001	2002	2003
42/2,750	42/2,750	42/2,750	42/2,750

F. Number of undergraduate hours / Number of graduate hours.

Actual Results			
1996	1997	1998	1999
25/313	58/318	37/300	30/300
Projected Results			
2000	2001	2002	2003
30/300	30/300	30/300	30/300

G. Number of public lectures, workshops and field study programs / Number of adult participating.
*We are not claiming Sawtooth Science Institute's programs because Education does.

Actual Results			
1996	1997	1998	1999
60/1,280	108/6,458	80/4,600	20/575*
Projected Results			
2000	2001	2002	2003
80/4,600	80/4,600	30/1,500	30/1,500

Program Results and Effect:

The Idaho Museum of Natural History has been accredited by the American Association of Museums. Accreditation by the AAM signifies that the museum meets the rigorous standards of the profession. By achieving the performance standards, the museum benefits from greater visibility within the museum profession, among other scientific institutions, and with the citizens of Idaho. Consistent high-quality public programs will fulfill the museum's mission as the state museum of natural history.

For more information contact Dr. Ernest Lohse at 236-5189.

Educ - Special Programs

Small Business Development Centers

Description:

The ISBDC provides direct consulting and training services to individual small businesses in Idaho through a sustained and increasingly effective higher education network.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Counseling interested parties in the area of Small Business.

- A. Assist 1,600 clients.

Actual Results			
1996	1997	1998	1999
1,657	1,605	1,606	1,750
Projected Results			
2000	2001	2002	2003
1,751	1,752	1,753	1,754

- B. Provide 14,500 consulting hours.

Actual Results			
1996	1997	1998	1999
17,133	16,490	16,491	17,632
Projected Results			
2000	2001	2002	2003
16,250	16,250	16,251	16,252

- C. Assist 100 women.

Actual Results			
1996	1997	1998	1999
569	626	627	632
Projected Results			
2000	2001	2002	2003
633	634	635	636

- D. Assist 100 veterans.

Actual Results			
1996	1997	1998	1999
131	129	135	207
Projected Results			
2000	2001	2002	2003
130	130	130	130

- E. Assist 400 rural clients.

Actual Results			
1996	1997	1998	1999
498	500	525	581
Projected Results			
2000	2001	2002	2003
500	500	500	500

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Small Business Development Centers

F. Provide 825 clients with an average of 15 hours of service.

Actual Results			
1996	1997	1998	1999
827	850	830	865
Projected Results			
2000	2001	2002	2003
870	870	870	870

2. Training interested parties in the area of Small Business.

A. Provide 147 training events.

Actual Results			
1996	1997	1998	1999
203	127	148	192
Projected Results			
2000	2001	2002	2003
160	160	160	160

B. Provide 15,000 training hours.

Actual Results			
1996	1997	1998	1999
20,840	18,298	18,540	15,951
Projected Results			
2000	2001	2002	2003
15,000	15,000	15,000	15,000

C. Assist 1,765 attendees.

Actual Results			
1996	1997	1998	1999
2,520	2,332	2,542	2,543
Projected Results			
2000	2001	2002	2003
2,300	2,300	2,300	2,300

3. Conduct research for interested parties in the area of Small Business.

A. Assist 4,000 inquiries and referrals.

Actual Results			
1996	1997	1998	1999
5,044	5,084	5,234	5,117
Projected Results			
2000	2001	2002	2003
5,200	5,200	5,200	5,200

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B. Provide eight specialized publications and directories.

Actual Results			
1996	1997	1998	1999
11	12	12	12
Projected Results			
2000	2001	2002	2003
12	12	12	12

C. Assist in 150 business data base inquiries.

Actual Results			
1996	1997	1998	1999
212	215	225	188
Projected Results			
2000	2001	2002	2003
226	226	226	226

4. TechHelp: Meeting the needs of Idaho's manufacturers.

A. Provide 130 new projects.

Actual Results			
1996	1997	1998	1999
Projected Results			
2000	2001	2002	2003
130	130	130	130

B. 25% repeat customers.

Actual Results			
1996	1997	1998	1999
Projected Results			
2000	2001	2002	2003
25	25	25	25

C. 200 new contacts.

Actual Results			
1996	1997	1998	1999
Projected Results			
2000	2001	2002	2003
200	200	200	200

D. Customer satisfaction exceeds 4 on a 5 point scale.

Actual Results			
1996	1997	1998	1999
Projected Results			
2000	2001	2002	2003
4	4	4	4

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Small Business Development Centers

E. Provide 4,000 consulting hours.

Actual Results			
1996	1997	1998	1999
Projected Results			
2000	2001	2002	2003
4,000	4,000	4,000	4,000

Program Results and Effect:

The ISBDC is a result of a cooperative agreement between the US Small Business Administration and Boise State University. We provide quality counseling and training to parties interested in pursuing a small business. We provide affordable services to our client and operate in a cost effective manner.

The ultimate effect of this program is the success our clients achieve after they have participated in our program. Many new jobs have been created as a direct result of these successes.

For more information contact Jim Hogge at 385-1640.

Educ - Special Programs

Idaho Council on Economic Education

Description:

The stated mission of the Council is to provide economics education and training in the utilization of certain programs from the Council for teachers K-12. The specific funds provided by the referenced appropriation are dedicated to the field representative positions at the Centers for Economic Education at three state universities to enhance their outreach capabilities for the convenience of teachers and their students.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Meet with district and/or school administrators and designated teachers on a regular schedule in their assigned regions.
 - A. Meet on-site at least once each semester.

Actual Results			
1996	1997	1998	1999
Met & exceeded	Met & exceeded	Met & exceeded	Met standards
Projected Results			
2000	2001	2002	2003
Maintain standards	Maintain standards	Maintain standards	

2. Schedule and conduct appropriate training programs as necessary to meet the defined proficiency needs of teachers utilizing economics curriculum.
 - A. Determined by objective survey of specific needs conducted at least bi-annually.

Actual Results			
1996	1997	1998	1999
315 K-12 bldgs.	2.0 Econ at Work Econ.	Complete study statewide	Action Plan*
Projected Results			
2000	2001	2002	2003
Renew survey	Maintain Action plan**	Renew survey	

3. Under the direction of the Council Direct, and ICEE Program Director, Center Directors design training programs, workshops, and seminars to introduce new programs, curriculum materials and/or technology to enhance the teaching of economics.
 - A. As determined by item 2 above, the Idaho Council director and program director utilize the new publications release program, materials and technology from the National Council on Economic Education and other sources.

Actual Results			
1996	1997	1998	1999
16 major sessions	18 major sessions	Expand to 20	Maintain 20***
Projected Results			
2000	2001	2002	2003
Expand to 22	Maintain 22	Expand to 25	

Program Results and Effect:

The Council and Affiliated Centers at Boise State University, Idaho State University, the University of Idaho, and the College of Southern Idaho working in association with North Idaho College and Ricks College enhance the ability of Idaho's schools to fulfill the mandated one semester of economics for graduation and meet the exiting standards for high school graduation as adopted. The Council's programs and curriculum provide teachers additional curriculum and programs to enhance their teaching of a variety of subjects with the integration of economic concepts in the social studies strand K-12.

The ultimate effect of the program is to enhance critical thinking skills, provide productive members of the work force, knowledgeable consumers, prudent savers and investors and effective participants in a global economy through the advancement of economic literacy.

* Modify to support exiting standards. Proceeding according to plan.

** Verify exiting standards adoption and assessment scores--modify action plan as appropriate.

*** Expand use of the "Test for Economic Literacy" (TEL) by 10% in classrooms 9 - 12 annually through 2002.

For more information contact Jack Rucker at 385-1360.