

STATISTICS

REMOTE SENSING WORKSHOPS GIVEN AT EROS DATA CENTER DURING 1973 - MAY 1977

Section I - According to Continent

Section II - Alphabetic listing according to country

Section III - Compilation according to Workshop Dates

**Office of International Geology
Reston**

May, 1977

REMOTE SENSING WORKSHOPS, EROS DATA CENTER, SIOUX FALLS, SD

A 3-4 week long program of training in fundamentals of applying LANDSAT and other remote sensor systems data for surveying and managing natural and cultural resources presented periodically at the EROS Data Center prepares participants by having them work on problems currently being addressed in specific areas of their own countries using LANDSAT data covering those areas.

An important training activity in remote sensing for foreign nationals, and the main activity conducted by the USGS in the U.S. in this regard, is a series of 3 to 4 week-long multi-disciplinary training courses held at the EROS (Program) Data Center, Sioux Falls, South Dakota.

Eight courses have been held to date, (1) June, 1973, in which 28 foreign nationals representing 11 countries participated, (2) June, 1974, in which 34 persons representing 23 countries participated, (3) September - October, 1974, in which 21 persons representing 13 countries participated, (4) May, 1975, in which 19 persons representing 12 countries participated, (5) September, 1975, in which 31 persons representing 19 countries participated, (6) May, 1976, in which 27 persons representing 13 countries participated, (7) September, 1976, in which 25 persons representing 17 countries participated, and (8) May, 1977, in which 28 persons representing 17 countries participated. Two courses are scheduled for calendar year 1978, one in May and the other in September.

Emphasis is placed on multi-disciplinary applications of LANDSAT imagery to the analysis of conditions of terrestrial environments and the solution of natural resources problems of the countries represented by the participants.

Office of International Geology
May, 1977

Attendees in Remote Sensing Workshops held at EROS Data Center During 1973 - May 1977

<u>Africa</u>	<u>Number</u>	<u>Total</u>	<u>Workshop</u>
Egypt	1		September 1975
	2		May 1976
	2		September 1976
	<u>2</u>		May 1977
		7	
Ethiopia	1	1	May 1977
Gambia	1	1	June 1974
Ghana	1		June 1974
	1		September 1975
	<u>1</u>		May 1977
		3	
Kenya	4	4	June 1974
Lesotho	1	1	September 1974
Liberia	2	2	June 1973
Mali	2	2	June 1973
Niger	1	1	June 1973
Nigeria	1		June 1974
	<u>1</u>		May 1975
		2	
South Africa	1	1	May 1977
Swaziland	1	1	September 1975

Attendees in Remote Sensing Workshops held at EROS Data Center During 1973 - May 1977

<u>Africa (cont.)</u>	<u>Number</u>	<u>Total</u>	<u>Workshop</u>
Tunisia	2	2	June 1973
Upper Volta	1	<u>1</u>	June 1973
Grand Total		29	

Attendees in Remote Sensing Workshops held at EROS Data Center During 1973 - May 1977

<u>Middle East & Asia</u>	<u>Number</u>	<u>Total</u>	<u>Workshop</u>
Afghanistan	5		June 1973
	<u>1</u>	6	September 1974
Bangladesh	2	2	June 1974
Burma	1	1	June 1974
China, Republic of	2		June 1974
	2		September 1974
	1		September 1975
	5		May 1976
	1		September 1976
	<u>1</u>	12	May 1977
Indonesia	4		June 1973
	2		June 1974
	3		September 1974
	<u>1</u>	10	May 1976
India	4		September 1975
	2		May 1976
	1		September 1976
	<u>3</u>	10	May 1977

Attendees in Remote Sensing Workshops held at EROS Data Center During 1973 - May 1977

<u>Middle East & Asia (cont.)</u>	<u>Number</u>	<u>Total</u>	<u>Workshop</u>
Iran	2		June 1974
	1		September 1974
	3		May 1975
	5		September 1975
	3		May 1976
	4		September 1976
	<u>4</u>		May 1977
		22	
Iraq	1		May 1976
	<u>1</u>		September 1976
		2	
Japan	1		May 1975
	2		May 1976
	1		September 1976
	<u>2</u>		May 1977
		6	
Khmer Republic (Cambodia)	2	2	June 1974
Korea	2		June 1973
	2		September 1974
	<u>2</u>		May 1975
		6	
Kuwait	1	1	September 1975
Lebanon	1	1	May 1975
Pakistan	3		June 1974
	1		September 1974
	1		May 1975
	<u>1</u>		September 1975
		6	

Attendees in Remote Sensing Workshops held at EROS Data Center During 1973 - May 1977

<u>Middle East & Asia (cont.)</u>	<u>Number</u>	<u>Total</u>	<u>Workshop</u>
Philippines	1		June 1973
	1		June 1974
	1		September 1975
	<u>1</u>		September 1976
		4	
Saudi Arabia	5		September 1975
	3		May 1976
	<u>3</u>		September 1976
		11	
South Vietnam	1	1	June 1974
Thailand	1		June 1974
	3		May 1975
	<u>1</u>		September 1975
		5	
Qatar	1	<u>1</u>	September 1976
Grand Total		109	

Attendees in Remote Sensing Workshops held at EROS Data Center During 1973 - May 1977

<u>Europe</u>	<u>Number</u>	<u>Total</u>	<u>Workshop</u>
Belgium	1	1	September 1976
England	1		September 1974
	1		September 1975
	<u>1</u>	3	May 1977
France	2	2	September 1976
Germany	1	1	May 1977
Italy	1	1	September 1974
Norway	1		September 1974
	<u>1</u>	2	September 1976
Poland	1		September 1976
	<u>2</u>	3	May 1977
Portugal	1	1	September 1975
Romania	1	1	September 1975
Spain	1		June 1974
	1		September 1974
	2		September 1975
	<u>1</u>	5	September 1976
Sweden	1	1	September 1975

Attendees in Remote Sensing Workshops held at EROS Data Center During 1973 - May 1977

<u>Europe (cont.)</u>	<u>Number</u>	<u>Total</u>	<u>Workshop</u>
Turkey	2		June 1974
	5		September 1974
	2		May 1975
	1		May 1976
	<u>3</u>		May 1977
		13	
Yugoslavia	1	<u>1</u>	June 1974
Grand Total		35	

Attendees in Remote Sensing Workshops held at EROS Data Center During 1973 - May 1977

<u>South America</u>	<u>Number</u>	<u>Total</u>	<u>Workshop</u>
Argentina	2	2	May 1976
Bolivia	2	2	June 1974
Brazil	7		June 1973
	1		June 1974
	1		September 1974
	1		September 1975
	1		September 1976
	<u>1</u>		May 1977
		12	
Colombia	1	1	June 1974
Costa Rica	1	1	May 1977
Dominican Republic	1	1	September 1975
Ecuador	1		May 1975
	<u>1</u>		May 1977
		2	
Guatemala	1	1	June 1973
Guyana	1	1	May 1977
Mexico	4		May 1976
	<u>2</u>		May 1977
		6	
Nicaragua	1	1	May 1975

Attendees in Remote Sensing Workshops held at EROS Data Center During 1973 - May 1977

<u>South America (cont.)</u>	<u>Number</u>	<u>Total</u>	<u>Workshop</u>
Uruguay	1	1	May 1976
Venezuela	2		June 1974
	<u>2</u>		September 1976
		<u>4</u>	
Grand Total		35	

Attendees in Remote Sensing Workshop held at EROS Data Center During 1973 - May 1977

<u>Other</u>	<u>Number</u>	<u>Total</u>	<u>Workshop</u>
Australia	1 <u>1</u>	2	May 1975 September 1976
Canada	1	1	September 1975
Mariana Islands	2	<u>2</u>	May 1975
Grand Total		5	

<u>COUNTRY</u>	<u>NUMBER</u>	<u>WORKSHOP</u>
Argentina	2	May 1976
Australia	1	May 1975
	1	September 1976
Afghanistan	5	June 1973
	1	September 1974
Belgium	1	September 1976
Bangladesh	2	June 1974
Bolivia	2	June 1974
Brazil	7	June 1973
	1	June 1974
	1	September 1974
	1	September 1975
	1	September 1976
	1	May 1977
Burma	1	June 1974
Canada	1	September 1975
China, Republic of	2	June 1974
	2	September 1974
	1	September 1975
	5	May 1976
	1	September 1976
	1	May 1977
Colombia	1	June 1974
Costa Rica	1	May 1977

<u>COUNTRY</u>	<u>NUMBER</u>	<u>WORKSHOP</u>
Dominican Republic	1	September 1975
Ecuador	1	May 1975
	1	May 1977
Egypt	1	September 1975
	2	May 1976
	2	September 1976
	2	May 1977
England	1	September 1974
	1	September 1975
	1	May 1977
Ethiopia	1	May 1977
France	2	September 1976
Gambia	1	June 1974
Germany	1	May 1977
Ghana	1	June 1974
	1	September 1975
	1	May 1977
Guatemala	1	June 1973
Guyana	1	May 1977
India	4	September 1975
	2	May 1976
	1	September 1976
	3	May 1977

<u>COUNTRY</u>	<u>NUMBER</u>	<u>WORKSHOP</u>
Indonesia	4	June 1973
	2	June 1974
	3	September 1974
	1	May 1976
Iran	2	June 1974
	1	September 1974
	3	May 1975
	5	September 1975
	3	May 1976
	4	September 1976
Iraq	4	May 1977
	1	May 1976
Italy	1	September 1976
	1	September 1974
Japan	1	September 1974
	1	May 1975
	2	May 1976
	1	September 1976
Kenya	2	May 1977
	4	June 1974
Khmer Republic (Cambodia)	2	June 1974
Korea	2	June 1974
	2	June 1973
	2	September 1974
Kuwait	2	May 1975
	1	September 1975

<u>COUNTRY</u>	<u>NUMBER</u>	<u>WORKSHOP</u>
Lebanon	1	May 1975
Lesotho	1	September 1974
Liberia	2	June 1973
Mali	2	June 1973
Mariana Islands	2	May 1975
Mexico	4	May 1976
	2	May 1977
Nicaragua	1	May 1975
Niger	1	June 1973
Nigeria	1	June 1974
	1	May 1975
Norway	1	September 1974
	1	September 1976
Pakistan	3	June 1974
	1	September 1974
	1	May 1975
	1	September 1975
Philippines	1	June 1973
	1	June 1974
	1	September 1975
	1	September 1976

<u>COUNTRY</u>	<u>NUMBER</u>	<u>WORKSHOP</u>
Poland	1	September 1976
	2	May 1977
Portugal	1	September 1975
Qatar	1	September 1976
Romania	1	September 1975
Saudi Arabia	5	September 1975
	3	May 1976
	3	September 1976
South Africa	1	May 1977
South Vietnam	1	June 1974
Spain	1	June 1974
	1	September 1974
	2	September 1975
	1	September 1976
Swaziland	1	September 1975
Sweden	1	September 1975
Thailand	1	June 1974
	3	May 1975
	1	September 1975
Tunisia	2	June 1973

<u>COUNTRY</u>	<u>NUMBER</u>	<u>WORKSHOP</u>
Turkey	2	June 1974
	5	September 1974
	2	May 1975
	1	May 1976
	3	May 1977
Upper Volta	1	June 1973
Uruguay	1	May 1976
Venezuela	2	June 1974
	2	September 1976
Yugoslavia	1	June 1974
Total Countries: 62	Total: 213	

Remote Sensing Workshops at EROS Data Center

1. <u>June 4 - 29, 1973</u>	Total Attendees: 28	Total Countries: 11
2. <u>May 30 - June 28, 1974</u>	Total Attendees: 34	Total Countries: 23
3. <u>September 19 - October 12, 1974</u>	Total Attendees: 21	Total Countries: 13
4. <u>May 9 - 30, 1975</u>	Total Attendees: 19	Total Countries: 12
5. <u>September 5 - 26, 1975</u>	Total Attendees: 31	Total Countries: 19
6. <u>May 3 - 28, 1976</u>	Total Attendees: 27	Total Countries: 13
7. <u>September 13 - October 8, 1976</u>	Total Attendees: 25	Total Countries: 17
8. <u>May 2 - 27, 1977</u>	Total Attendees: 28	Total Countries: 17

GRAND TOTALS:

Total Attendees all eight courses: 213

Total Countries represented all courses: 62

July 1, 1978 75 countries
 + 272 students
 + JADB Mexico(2) + Argentina + Somali
 18d. 2 hrs. 60 students 64 total 1 country