LABORATORY FOR APPLICATIONS

OF

REMOTE SENSING

ANNUAL FINANCIAL REPORT

TO

THE UNIVERSITY

## TABLE 1

## LARS RESEARCH FUNDING

# July 1, 1975 to June 30, 1976

PY (NASA) (Application of Remote Sensing Technology	
to the Solution of Problems in the Management	A 012 002
of Resources in Indiana)	\$ 213,883
SR&T (75-76) (NASA) (Research in Remote Sensing of	
Agriculture, Earth Resources, and Man's	1 102 500
Environment)	1,183,500
SR&T (76-77) (NASA)(Research in Remote Sensing	
of Agriculture, Earth Resources, and Man's	00 040
Environment)	93,842
Landsat Crops (NASA)	88,635
Landsat Colorado (NASA)	58,758
Skylab Colorado (NASA)	51,336
Skylab Wabash Valley (NASA)	10,899
EDC Terminal (NASA)	53,577
Wallops Terminal (NASA)	6,589
Goddard Terminal (NASA)	13,030
Monthly Short Course (Continuing Education)	26,756
ISU Terminal (State of Indiana)	53,979
Continuing Education Minicourse (Continuing	
Education)	4,400
Symposium (Continuing Education)	3,000
Visiting Scientists (Independent Agents)	21,339
Great Lakes Output Study (EPA)	2,335
Great Lakes Follow On (EPA)	34,390
Fast Ice (University of Colorado)	2,607
USGS	40,543
	29,581
CITGO	21,268
Missouri SCS	43,205
Sudan	28,123
Bolivia	28,152
Iraq	7,782
NDM (Industry)	
Total Funded Research Activities	\$2,121,509

TABLE 2

## LARS RESEARCH EXPENDITURES

July 1, 1975 - June 30, 1976

#### Salaries:

Agriculture	\$172,969
Science	47,107
Engineering	360,083
HSSE	13,504
Industrial Management	3,150

	\$ 596,813
Fringe Benefits Overhead* Supplies Capital Computer Travel	57,840 380,794 185,582 32,079 746,945 53,177
TOTAL	\$2,053,230

<sup>\*</sup>Overhead is not 68.5 percent of salaries as Continuing Education and Agriculture Memoranda of Agreement

TABLE 2a
ENGINEERING RESEARCH EXPENDITURES

1975 - 1976

·	Engineering Experiment Station	Electrical Engineering	Mechanical Engineering	Nuclear Engineering	Total
Salaries Overhead Fringe Benefits Computer	\$ 200,738* 114,379 9,708 732,741	\$134,188 91,060 15,295	\$17,938 11,422 1,397	\$ 7,219 4,945 592	\$ 360,083 221,806 26,992 732,741
Travel Supplies Capital	53,177 186,717 32,079	(196)	64	(383)	53,177 186,202 32,079
Total	\$1,329,539	\$240,347	\$30,820	\$12,373	\$1,613,080

\*Monthly Short Course \$26,756, Continuing Education, Mini Course \$4,400, Symposium \$3,000 included here.

TABLE 2b

AGRICULTURE RESEARCH EXPENDITURES

1975 - 1976

	Agronomy	Forestry and Conservation	Horticulture	<u>Total</u>
Salaries Overhead Fringe Benefits Computer Supplies	\$113,295 74,435 14,889 14,204 1,115	\$ 56,030 38,381 8,837 (636)	\$3,644 2,496 771 (207)	\$172,969 115,312 24,497 14,204 272
Total	\$217,938	\$102,612	\$6,704	\$327,254

TABLE 2c

INDUSTRIAL MANAGEMENT RESEARCH EXPENDITURES

1975 - 1976

Salaries	\$3,150
Overhead	2,158
Fringe Benefits	
Total	\$5,547

# TABLE 2d SCIENCE RESEARCH EXPENDITURES

1975 - 1976

	Geoscience	Computer	Statistics	Total
Salaries Overhead Fringe Benefits Supplies	\$33,206 22,746 2,502 (702)	\$ 6,097 4,176 8 (190)	\$ 7,804 5,346 1,218	\$47,107 32,268 3,728 (892)
Total	\$57,752	\$10,091	\$14,368	\$82,211

#### TABLE 2e

# H.S.S.E. RESEARCH EXPENDITURES

1975 - 1976

	Education	Communications	Total
Salaries Overhead Fringe Benefits	\$12,317 8,437 2,123	\$1,187 813 261	\$13,504 9,250 2,384
Supplies		and the second s	
Total	\$22,877	\$2,261	\$25,138

TABLE 3

LARS GENERAL FUND ALLOCATION

July 1975 to June 1976

#### 17-Fund Allocation:

Recurring Non-recurring		\$ 79,583 30,000
TOTAL BUDGET		\$109,583
Use of Funds:		
Salaries Supplies Travel Capital	\$65,020 36,664 330 7,569	
TOTAL EXPENSES		\$109,583
BALANCE		-0-

TABLE 4 LARS COMPUTATIONAL FACILITY SELF-SUPPORTING ACTIVITY

July 1, 1975 to June 30, 1976

Income for Services		\$835,852
Expenditures:		
Machine Rental Salary and Fringe Benefits Expendable Supplies Administrative Expenditures	\$411,735 219,090 53,886 16,036	
		700,747
RALANCE.		\$135,105

BALANCE

TABLE 6 POTENTIAL PROJECTS

AS OF JUNE 2, 1976

SOURCE	PROJECT	PROB.	<u>FY77</u>	<u>FY78</u>	FY 79	DURATION
NASA	SR&T	.9		\$1,500,000	\$1,500,000	6/77 - 5/78
NASA	NASA/USSR	.8	\$ 85,000			7/76 - 6/77
NASA	St. Regis	.5	196,000			7/76 - 6/77
NASA	FMRP Aerial Photos	.5	6,500			6/76 - 8/76
NASA	FMRP Data Quality	.5	86,432			7/76 - 6/77
VARIOUS AGENCIES	Visiting Scientists	.1	30,000			7/76 - 6/77
PURDUE CONVOS	Symposium	.5	3,000			11/76 - 6/77
SRS/USDA	SRS/USDA	.1	5,000			9/76 - 6/77
EPA	Midwest Energy	.8	32,000	32,000	16,000	6/76 - 12/78
US AID	International Training	.2	40,000			7/76 - 6/77
US AID	International Applications	.5	85,923	42,962		7/76 - 12/77
NSF	Education	.2	58,635	123,343	134,881	1/77 - 2/80
NSF	Geophysical	.5	106,297	110,302		6/76 - 5/78
Venezuela	Venezuela Inventory	.6	19,890			8/76 - 11/76

TABLE 6 (CON'D)

SOURCE	PROJECT	PROB.	<u>FY77</u>	<u>FY78</u>	<u>FY79</u>	DURATION
BOLIVIA	BOLIVIA II	.6	40,000			8/76 - 3/77
MIN. NAT. RES. (IRAN)	Iran	.5	55,738			5/76 - 10/76
IDB	Central America	.1	26,666	40,000	40,000	9/76 - 8/79
NASA	PY	.2		70,000	65,000	6/77 - 5/79
NSF	Cancer II	.3		125,000	125,000	6/77 - 5/79
NIH	Jaundice	.5	40,000	35,000		6/76 - 6/78
ISU	ISU Terminal	.8	57,225			7/76 - 6/77
	TOTAL		\$974,306	\$2,078,607	\$1,880,881	
	PROBABLE ADDITIONAL F	UNDING	\$491,153	\$1,549,900	\$1,444,276	