联合国 A

大会

Distr.
GENERAL

A/AC.105/692
12 January 1998
CHINESE
ORIGINAL: ENGLISH

和平利用外层空间委员会

联合国空间应用方案和联合国系统内活动的协调

联合国空间应用方案1971年至1997年所举办活动一览表

秘书处的报告

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解释性说明

秘书处单位、机构和专门机构

UNEP	环境署	联合国环境规划署
ECE	欧洲经委会	欧洲经济委员会
ESCAP	亚太经社会	亚洲及太平洋经济社会委员会
ECLAC	拉加经委会	拉丁美洲和加勒比经济委员会
ECA	非洲经委会	非洲经济委员会
ECWA	西非经委会	西非经济委员会
UNDRO	救灾专员办事处	联合国救灾协调专员办事处
UNDP	开发署	联合国开发计划署
FAO	粮农组织	联合国粮食及农业组织
UNESCO	教科文组织	联合国教育、科学及文化组织
WMO	气象组织	世界气象组织

其他实体

AIAA		美国航空航天研究所
BITS		瑞典投资和技术支助局(现称国际发展合作署)
CEC	欧共会	欧洲共同体委员会
CIESIN		国际地球科学信息网联合会
CNES	法国空研中心	法国国家空间研究中心
CNIE		阿根廷空间研究全国委员会
CONAE		阿根廷空间活动国家委员会
CONIDA		秘鲁航空航天研究发展委员会
COSPAR	空间研委会	空间研究委员会
DARA	德空局	德国航天局
DLR		德国航空和航天研究所
EOSAT		地球观测卫星公司
ERIM		密歇根环境研究所
ERSI		津巴布韦环境和遥感研究所
ESA	欧空局	欧洲航天局
IAF	宇航联合会	国际宇宙航行联合会
IASD/STAJ		日本科学和技术署国际空间事务司
ICTP	理论物理中心	国际理论物理中心
IMC		墨西哥通信研究所

Inmarsat	流动卫星组织	国际流动卫星组织
INPE		巴西空间研究所
INTA		西班牙国家航空航天技术研究所
IOMAC		印度洋海事合作组织
ISPRS	摄影测量和遥感学会	国际摄影测量和遥感学会
ISRO		印度空间研究组织
LAPAN		印度尼西亚国家航空和航天研究所
NAMRIA		菲律宾国家测绘和信息局
NASA	美国航天局	美国国家航空和航天局
NOAA	诺阿	美国国家海洋与大气管理局
NRSA		印度国家遥感局
NRSC		以色列国家空间研究委员会
ONEMI		智利内政部国家紧急情况办公室
OTE		希腊电信组织
RCSSMRS	测绘遥感服务中心	区域勘测、制图和遥感服务中心
TPS		行星协会
UNAM		墨西哥自治国立大学
USGS		美国地质测量局

导言

1. 联合国空间应用方案是遵照大会1969年12月16日第2601 A(XXIV)号决议设立的，大会在决议中认可和平利用外层空间委员会(外空委员会)由秘书长评估促进和平利用外层空间国际合作需要情况的建议。方案由外层空间事务厅实施。

2. 大会在其1982年12月10日第37/90号决议中注意到1982年于维也纳举行的第二次联合国探索及和平利用外层空间会议(82年外空会议)的建议，并将方案的任务扩大而特别包括以下内容：在发展地方一级本地能力方面提供援助；为深造培训提供范围广泛的研究金；根据请求向成员国、专门机构和区域机构提供技术咨询服务；为专家、教育工作者、管理人员和决策人员举办区域和国际讲习班、培训班、研讨会、专家会议、会议和专题讨论会，以提高他们的技术能力，并使之跟上这一领域中的不断发展；取得并传播与空间有关的信息；促进发达国家与发展中国家间，以及发展中国家之间更广泛的合作。

3. 方案的目标是为了成员国，尤其是发展中国家的利益而加强国际合作和与空间科学和技术及其应用有关的信息的最广泛的交流。方案活动的重点在于那些可有利于处于各种经济、社会和文化发展阶段的成员国的空间科学和技术及其应用方面。在过去的几年中，方案已将其重点更多地集中在空间科学和技术及其应用的教育和研究方面，以促进发展中国家在这一领域中的本国能力的提高。

4. 根据82年外空会议的建议，空间应用方案将其注意力放在如何通过讲习班、培训班、讨论会、专家会议、会议、专题讨论会和技术咨询服务将方案经扩大的任务的具体内容变成业务活动方面。这些活动是方案为促进和平利用外层空间方面国际合作以提高各国为本国发展而利用空间技术能力的努力的一个重要构成部分。

5. 为了有效地满足国际社会的需要，针对发展中国家的具体情况开展了空间技术实际应用方面的促进工作，包括遥感、卫星通信、卫星气象学和空间和大气科学方面，以便更好地理解和认识空间技术可能带来的潜在惠益。

6. 方案每年开展的活动还要针对成员国的具体/区域性需要和关切。因此，这些活动不少都是为联合国下列区域经济和社会委员会成员国组织的：欧洲经济委员会(欧洲经委会)；亚洲及太平洋经济社会委员会(亚太经社会)；拉丁美洲和加勒比经济委员会(拉加经委会)；非洲经济委员会(非洲经委会)；西亚经济社会委员会(西亚经社会)。

7. 外层空间事务厅通过本方案协助各成员国发展各国自己在空间科学和技术及其应用方面的能力，以便形成和提高各国为从空间科学和技术中受益所需的国家能力。方案通过开发这类技能和能力，还可有助于发展中国家的发展，具体做法是为有关国家更多地参与各种国家、区域和国际空间科学和技术论坛提供方便。

8. 在这方面所涉及的领域有：遥感应用、卫星通信、气象卫星应用、空间和大气科学。

一. 方法

9. 本报告由外层空间事务厅空间应用科编写，报告的目的是供作为参考文件使用，其中将向成员国简介方案在1971年至1997年期间举办的活动。

10. 报告由联合国空间应用专家年度报告和方案1971年至1997年期间举办活动的个别年度报告汇编而成。

11. 报告的目的是通过附件向成员国简介方案为实现下列目标而采取的各种步骤:

(a) 将82年外空会议的各项建议落实在1971至1997年的各项业务活动中;

(b) 将重点放在促进教育、公众认识和培训方面，以促进空间科学和技术及其应用方面本国能力的提高，从而使发展中国家的专家、教育工作者、管理人员和决策者得到提高;

(c) 使感兴趣的成员国有机会进一步认识到空间技术应用所能带来的好处，尤其是在促进可持续发展方面。

12. 为便于第三次联合国探索及和平利用外层空间会议(第三次外空会议)的筹备工作，也为了使成员国能有一份关于方案所举办活动的参考文件，外层空间事务厅将以表格形式介绍资料。关于方案在1971年至1997年期间举办的活动的资料载于附件之中，其中包括：活动年份、日期、活动类型、名称、活动地点、共同举办者、所涉区域、活动参与者人数、活动正式报告文号等。共有两类参与者：一类是由方案和其他共同举办者供资的发展中国家参与者，一类是全体参与者，即既包括得到资助的，也包括无资助的国际和当地参与者。

二. 结论

13. 从表中可以看出，在实施82年外空会议的建议方面，方案越来越多地将重点放在教育和研究上。方案举办活动的每年总数也在增加，包括自1982年以来讲习班和培训班的数目，而讨论会、专家会议、专题讨论会和会议的次数则有所减少。

14. 为了建立和提高为从空间科学和技术及其利用中受益而所需要的国家能力，活动大都集中在以下几方面(按成员国的请求的多少和优先顺序排列)：遥感应用、卫星通信、气象卫星应用和空间和大气科学。

15. 为了调整方案所组织的活动的范围，并确定某一具体类型活动是否可以有效地促进发展中国家能力的提高，外层空间事务厅的代表通常都要促请与会者定期同该厅及各项活动的共同举办者通信，以评估有关活动在提高当地能力方面是否有效，主要从国家专家科学和技术教育的质量、数量和生产力等方面评估。A/AC.105/595号文件中联合国空间应用专家报告中介绍了1983-1991年期间方案的某些活动的统计简表。A/AC.105/616号文件中介绍了1990、1992和1993年举行的联合国/瑞典教育工作组遥感教育培训班效果调查表调查结果。

16. 方案的主要目标是，通过提高所有国家利用空间技术及其应用的能力，促进对外层空间的和平利用，并将空间技术的作用扩大到国家发展方面。

17. 拟作为一份参考文件以供使用的本报告，向成员国简介了方案 1971 年至 1997 年期间举办的活动。方案共组织了 143 次活动，约有 7,500 人参加。

18. 由于发展中国家正准备致力于实现第三次外空会议的目标，将需要进一步强调就某些新兴的空间领域进行个人教育，并加强成员国，尤其是发展中国家为经济、社会和文化发展而利用空间科学和技术各种应用的能力。 A/AC.105/693 号文件中所载联合国空间应用专家报告概述了环境和可持续发展问题有影响力的所有活动的概要。

19. 方案仍将协助成员国探索各种可展示空间科学和技术及其应用如何用于满足其当地需要的活动，尤其是在遥感、卫星通信、气象卫星应用和空间和大气科学等领域。

20. 为了帮助发展中国家努力利用空间科学和技术及其应用所提供的许多实际惠益，方案将需要扩展其旨在发展这些国家在环境监测和可持续发展领域的能力的活动，从而将这些技术用于经济、社会和文化发展。这一方针将可提高与会者同教育工作者、科学家和决策者之间的相互理解，因为后者的利益是可以由政府和非政府组织来表达的。外空事务厅正通过本方案在这一努力中起着并将继续发展工具作用。

Annex

SUMMARY OF ACTIVITIES OF THE UNITED NATIONS PROGRAMME ON SPACE APPLICATIONS: 1971-1997*

No.	*Year*	*Date*	*Type of event*	*Title of event*	*Place of event*	*Co-sponsors*	*Region of impact*	*Number of participants* F/T*	*United Nations document symbol*
1.	1971	3 - 14 May	Expert Meeting	UN Panel Meeting on Remote Sensing Systems for Earth Resource Surveys	Ann Arbor, Michigan, USA	NASA, Govt. of USA	Global	T: 35	A/AC.105/92
2.		29 Nov. - 10 Dec.	Expert Meeting	UN Panel Meeting on the Establishment and Implementation of Research Programmes	São José dos Campos, Brazil	INPE, Govt. of Brazil	Global	T: 136	A/AC.105/98
3.	1972	29 Nov. - 8 Dec.	Seminar	Panel and Training Seminar on Uses of Meteorological Satellite Data (with special emphasis on tropical areas)	Mexico City, Mexico	Govt. of Mexico WMO	ECLAC	F: 27	A/AC.105/113
4.		12 - 20 Dec.	Expert Meeting	Panel Meeting on Satellite Instructional Television Systems	New Delhi, Ahmedabad, India	Govt. of India, ISRO	ECAFE ECA	T: 128	A/AC.105/114
5.	1973	22 - 31 Oct.	Seminar	Regional Seminar on Satellite Broadcasting Systems for Education and Development	Addis Ababa, Ethiopia	Govt. of Ethiopia UNESCO	ECA	T: 31	A/AC.105/120
6.		3 - 7 Dec.	Expert Meeting	Panel Meeting on the Applications of Remote Sensing of Earth Resources	Buenos Aires, Argentina	Govt. of Argentina	ECLAC	F: 17 T: 25	A/AC.105/121
7.	1974	26 Feb. - 7 March	Expert Meeting	Panel Meeting on Satellite Broadcasting Systems for Education and Development	Tokyo, Japan	Govt. of Japan	ESCAP	T: 103	A/AC.105/128

Notes: F: funded participants from developing countries.
T: total number of participants, including funded, non-funded, international and local.
No figure means that the number of participants could not be specified.

*The data are reproduced in the form in which they were received.

No.	*Year*	*Date*	*Type of event*	*Title of event*	*Place of event*	*Co-sponsors*	*Region of impact*	*Number of participants* F/T*	*United Nations document symbol*
8.		4 - 16 Sept.	Seminar	Regional Seminar on Earth Resources and Environment	Cairo, Egypt	FAO	ECA ESCWA	F: 32 T: 121	A/AC.105/136
9.		4 - 14 Nov.	Seminar	Interregional Seminar on the Applications of Geodetic and Remote Sensing Data for Cartography (surveying and mapping)	São José dos Campos, Brazil	Govt. of Brazil Centre of Research for Int'l Dev. (Canada)	Global	F: 19 T: 78	A/AC.105/141
10.	1975	12 - 30 May	Seminar	Interregional Technical Seminar on Remote Sensing Applications	Guelph, Ottawa, Canada	Govt. of Canada, UNESCO	Global	F: 21 T: 34	A/AC.105/159
11.		2 - 11 Sept.	Seminar	Regional Seminar on Satellite Broadcasting System for Education and Development	Mexico City, Mexico	UNESCO	ECLAC	F: 12 T: 58	A/AC.105/160
12.		6 - 17 Oct.	Seminar	Regional Training Seminar on the Interpretation, Analysis and Use of Meteorological Satellite Data	Nairobi, Kenya	WMO	ECA	F: 23 T: 56	A/AC.105/161
13.		19 -28 Nov.	Seminar	Regional Seminar on Remote Sensing Applications	Jakarta, Indonesia	FAO, LAPAN, COSPAR	ESCAP	F: 14 T: 51	A/AC.105/162
14.	1976	16 - 28 Jan.	Training Course	Satellite Instructional Television of Experiment (SITE) Winter School	New Delhi, India	UNESCO, ISRO	Global	F: 12 T: 12	A/AC.105/177
15.		22 July - 10 Aug.	Seminar	Training Seminar on Application of Remote Sensing for Natural Resources Survey, Planning and Development	Reading, United Kingdom	FAO, UNESCO	Global	F: 24 T: 24	A/AC.105/185
16.		9 - 20 Aug.	Seminar	Training Seminar on Remote Sensing Applications	Lenggries, Federal Rep. of Germany	Govt. of Federal Rep. of Germany FAO, UNESCO	Global	F: 20 T: 29	A/AC.105/186
17.		27 Sept - 16 Oct.	Workshop	Training Workshop on Remote Sensing Applications	Anaheim, California, USA	IAF, AIAA	Global	F: 25 T: 30	A/AC.105/184

No.	*Year*	*Date*	*Type of event*	*Title of event*	*Place of event*	*Co-sponsors*	*Region of impact*	*Number of participants* F/T*	*United Nations document symbol*
18.		25 Oct.-12 Nov.	Training Course	International Training Course on Remote Sensing Applications	Rome, Italy	Govt. of Italy, FAO, UNESCO	ECA	F: 18 T: 18	A/AC.105/187
19.	1977	17 - 28 Jan.	Seminar	Training Seminar on Remote Sensing Applications in Agriculture	Karachi, Pakistan	Govt. of Pakistan UNESCO	ESCAP, ECWA	T: 44	A/AC.105/194
20.		25 April-13 May	Training Course	Second UN International Training Course in Remote Sensing Applications for Agriculture, Crop Statistics and Agricultural Census	Rome, Italy	Govt. of Italy FAO, UNESCO	Global	F: 17 T: 17	A/AC.105/198
21.		3 - 19 Oct.	Seminar	Training Seminar on Remote Sensing Applications	Baku, USSR	Govt. of USSR UNDRO, UNEP,UNESCO	Global	F: 27 T: 27	A/AC.105/208
22.		31 Oct. - 5 Nov.	Expert Meeting	Panel Meeting on Satellite Instructional Television Experiment by India	Ahmedabad, India	Govt. of India UNESCO, ISRO,	Global	T: 20	A/AC.105/209
23.		1 - 9 Dec.	Seminar	Training Seminar on the Applications of Satellite Remote Sensing	La Paz, Bolivia	Govt. of Bolivia FAO, UNESCO	ECLAC	F: 23 T: 28	A/AC.105/210
24.		15 May-2 June	Training Course	Third International Training Course on the Applications of Remote Sensing Techniques to Tropical Forestry	Rome, Italy	Govt. of Italy FAO	Global	F: 16 T: 20	A/AC.105/222
25.		4 - 16 Sept.	Seminar	Training Seminar on Remote Sensing Applications	Nairobi, Kenya	Govt. of Kenya, Govt. of Sweden, FAO, UNEP	ECA	F: 18 T: 29	A/AC.105/227
26.		2 - 11 Oct.	Seminar	Regional Seminar on the Use of Satellite Technology for Disaster Applications	São José dos Campos, Brazil	Govt. of Brazil UNDRO, UNESCO	ECLAC	F: 12 T: 18	A/AC.105/228
27.		23 Oct. - 2 Nov.	Seminar	Training Seminar on the Interpretation, Analysis and Uses of Meteorological Satellite Data	Tokyo, Japan	Govt. of Japan WMO	ESCAP, ECWA	F: 12 T: 32	A/AC.105/229
28.		6 - 24 Nov.	Seminar	Regional Training Seminar on Remote Sensing Applications for Agricultural Resources	Dehra Dun, Ahmedabad, Hyderbad, India	Govt. of India, FAO, ISRO, NRSA	ESCAP,	F: 11 T: 31	A/AC.105/230

No.	*Year*	*Date*	*Type of event*	*Title of event*	*Place of event*	*Co-sponsors*	*Region of impact*	*Number of participants* F/T*	*United Nations document symbol*
29.	1979	14 May - 1 June	Training Course	Fourth Training Course on the Applications of Remote Sensing Techniques to Fisheries	Rome, Italy	Govt. of Italy FAO,	Global	F: 20 T: 20	A/AC.105/253
30.		5 - 23 Nov.	Seminar	Regional Training Seminar on Remote Sensing Applications	Ibadan, Nigeria	Govt. of Nigeria FAO	ECA	F: 15 T: 35	A/AC.105/254
31.		5 - 28 Nov.	Training Course	Training Course on Remote Sensing Applications	Buenos Aires, Argentina	Govt. of Argentina, CNIE	ECLA	F: 14 T: 26	A/AC.105/255
32.		1- 11 Dec.	Seminar	Training Seminar on Remote Sensing Applications	Damascus, Syrian Arab Republic	Govt. of Syrian Arab Republic	ECWA	F: 11 T: 57	A/AC.105/256
33.	1980	9 - 23 Jan.	Seminar	Regional Training Seminar on Remote Sensing Applications for Agriculture, Rangeland and Hydrology	Ouagadougou, Upper Volta	Govt. of Upper Volta Ouagadougou Regional RS Centre	ECA	F: 10 T: 27	A/AC.105/281
34.		19 May - 6 June	Training Course	Fifth International Training Course on Remote Sensing Applications to Water Resources and Hydrology	Rome, Italy	Govt. of Italy FAO, UNESCO	Global	F: 20 T: 22	A/AC.105/280
35.		15 - 20 Sept.	Seminar	Seminar on Remote Sensing Applications to Land Use Planning	Tokyo, Japan	IASD/SIAJ	ESCAP	F: 17	A/AC.105/283
36.		7 - 17 Oct.	Seminar	Regional Training Seminar on Remote Sensing Applications for Land Resources	Athens, Greece	Govt. of Greece FAO	ECWA, Mediter-ranean region	F: 8 T: 27	A/AC.105/282
37.		17 - 29 Nov.	Seminar	International Seminar on Remote Sensing Applications in Geology and Hydrology	Baku, USSR	Govt. of USSR, State Cmt. for S&T of Council of Ministers & Academy of Sc. of Azerbaijan, UNEP	Global	F: 18	A/AC.105/284

No.	*Year*	*Date*	*Type of event*	*Title of event*	*Place of event*	*Co-sponsors*	*Region of impact*	*Number of participants* F/T*	*United Nations document symbol*
38.	1981	11 - 19 March	Seminar	Regional Seminar on Remote Sensing Applications & Satellite Communication for Education Development	Addis Ababa, Ethiopia	ECA	ECA	F: 18 T: 47	A/AC.105/289
39.		7 - 14 April	Seminar	Regional Seminar on Remote Sensing Applications and Satellite Communication for Education and Development	Buenos Aires, Argentina	Govt. of Argentina	ECLAC	F: 18 T: 90	A/AC.105/290
40.		21 - 25 April	Seminar	Regional Seminar on Remote Sensing Applications and Satellite Communications for Education and Development	Toulouse, France	Govt. of France CNES	Global	T: 56	A/AC.105/292
41.		27 April - 15 May	Training Course	Sixth International Training Course on Remote Sensing Applications to Pasture and Rangeland Development	Rome, Italy	Govt. of Italy FAO	Global	F: 19 T: 23	A/AC.105/296
42.		16 - 26 Sept.	Seminar	Regional Training Seminar on Remote Sensing Applications for Land Resources	Sofia, Bulgaria	Govt. of Bulgaria, Academy of Sciences, FAO	ECWA, Mediter-ranean region	F: 11 T: 19	A/AC.105/295
43.		18 - 25 Nov.	Seminar	Regional Seminar on Remote Sensing Applications and Satellite Communications for Education and Development	Jakarta, Indonesia	Govt. of Indonesia	ESCAP	F: 26 T: 172	A/AC.105/300
44.	1982	14 - 18 June	Seminar	Interregional Seminar on Space Applications in Preparation for UNISPACE 82	Addis Ababa, Ethiopia	ECA, ECWA	ECA, ECWA	F: 20 T: 33	A/AC.105/306
45.		19 - 23 April	Seminar	Regional Seminar on Space Applications in Preparation for UNISPACE 82	Quito, Ecuador	Govt. of Ecuador	ECLA	F: 20 T: 62	A/AC.105/307
46.		30 Aug. - 17 Sept.	Training Course	Seventh International Training Course on the Applications of Satellite Remote Sensing to Thematic Mapping with Special Reference to Land Use	Rome, Italy	Govt. of Italy FAO	Global	F: 21 T: 21	A/AC.105/312

No.	*Year*	*Date*	*Type of event*	*Title of event*	*Place of event*	*Co-sponsors*	*Region of impact*	*Number of participants* F/T*	*United Nations document symbol*
47.	1983	2 - 6 May	Seminar	Regional Seminar on Space Applications Focusing on the Implementation of the Recommendations of UNISPACE 82	São José dos Campos, Brazil	Govt. of Brazil INPE	ECLAC	F: 17 T: 68	A/AC.105/321
48.		30 May - 3 June	Seminar	Regional Seminar on Space Applications Focusing on the Implementation of the Recommendations of UNISPACE 82	Bangkok, Thailand	ESCAP	ESCAP	F: 20 T: 20	A/AC.105/322
49.		4 - 8 July	Seminar	Interregional Seminar on Space Applications Focusing on the Implementation of the Recommendations of UNISPACE 82	Addis Ababa, Ethiopia	Govt. of Ethiopia	ECA, ECWA	F: 17 T: 18	A/AC.105/326
50.		11 - 29 July	Seminar	First International Seminar on the Application of Remote Sensing to Operational Agro-Meteorology in Semi-arid Countries	Niamey, Niger	WMO, ESA, FAO	ECA, ECWA	F: 20 T: 22	A/AC.105/328
51.		19 Sept. - 7 Oct.	Training Course	Eighth International Training Course on the Applications of Satellite Remote Sensing to Water Resources	Rome, Italy	Govt. of Italy FAO, UNESCO	Global	F: 21 T: 21	A/AC.105/329
52.	1984	7 - 11 May	Expert Meeting	International Meeting of Experts on Remote Sensing Information Systems	Feldafing & Oberpfaffen-hofen, FRG	Govt. of FRG ESA	Global	F: 28 T: 56	A/AC.105/343
53.		21 May - 9 June	Training Course	Third International Training Course on Remote Sensing Applications to Forestry	Moscow, USSR	Govt. of USSR	Global	F: 24 T: 24	A/AC.105/345
54.		23 - 25 May	Expert Meeting	Regional Meeting of Experts on Space Science and Technology and its Applications	Jakarta, Indonesia	Govt. of Indonesia	ESCAP	F: 6 T: 25	A/AC.105/346
55.		10 - 28 Sept.	Training Course	Ninth International Training Course on the Applications of Remote Sensing to Aquaculture and Inland Fisheries	Rome, Italy	Govt. of Italy FAO	Global	F: 20 T: 22	A/AC.105/347

No.	*Year*	*Date*	*Type of event*	*Title of event*	*Place of event*	*Co-sponsors*	*Region of impact*	*Number of participants* F/T*	*United Nations document symbol*
56.	1985	16 April - 2 May	Training Course	Second International Training Course on Remote Sensing Applications to Operational Agro-Meteorology and Hydrology	Nairobi, Kenya	Govt. of Sweden WMO, FAO, ESA	ECA, ECE, ESCWA	F: 25 T: 25	A/AC.105/356
57.		6 - 31 May	Training Course	Tenth International Training Course on Remote Sensing Applied to Monitoring Forest Lands	Rome, Italy & Feldafing, the FRG	Gov. of Italy and Govt. of the FRG	Global	T: 20	A/AC.105/357
58.		29 April - 10 May	Workshop	Workshop on Remote Sensing Instrumentation, Data Acquisition and Analysis	Sofia, Bulgaria	Govt. of Bulgaria	Global	F: 25	A/AC.105/362
59.		20 - 31 May	Seminar	International Seminar on Satellite Communications	Moscow, USSR	Govt. of USSR	Global	F: 24 T: 24	A/AC.105/361
60.		21 - 29 Oct.	Workshop	Workshop on Advances in Space Science and Technology and its Applications	Beijing, China	Govt. of China	Global	F: 13 T: 57	A/AC.105/363
61.		4 - 8 Nov.	Workshop	Workshop on Space Science and Technology and its Applications Within the Framework of Educational Systems	Ahmedabad, India	Govt. of India ISRO	ESCAP	F: 17 T: 48	A/AC.105/365
62.	1986	5 - 30 May	Training Course	Eleventh International Training Course on Remote Sensing Applications in Agricultural Statistics	Rome, Italy & Montpellier, France	Govts. of France and Italy, FAO,	Global	F: 21 T: 22	A/AC.105/376
63.		16 - 20 June	Expert Meeting	Meeting of Experts on Regional Co-operation in Space Science and Technology and its Applications.	Cartagena, Colombia	Govt. of Colombia	ECLAC	F: 16 T: 34	A/AC.105/375
64.		15 - 19 Sept.	Expert Meeting	Regional Meeting of Experts on Space Technology Applications in the Indian Ocean Region	Colombo, Sri Lanka	Govt. of Sri Lanka	Global	F: 14 T: 57	A/AC.105/374
65.		22 Sept. - 3 Oct.	Training Course	Training Course on Drought Assessment and Vegetation Monitoring Using Meteorological Satellite and Other Space Related Data	Maspalomas, Spain	Govts. of France and Spain, ESA, FAO	ECA	F: 17 T: 17	A/AC.105/377

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66.		13 - 17 Oct.	Expert Meeting	Meeting of Experts on Space and Technology and its Applications Within the Framework of Educational Systems	Mexico City, Mexico	Govt. of Mexico	ECLAC	F: 14 T: 46	A/AC.105/378
67.		21 Oct. - 7 Nov.	Training Course	Third International Training Course on Remote Sensing Applications to Operational Agro-Meteorology and Hydrology	Quito, Ecuador	Govt. of Ecuador WMO, FAO, ESA,	ECLAC	F: 17 T: 24	A/AC.105/379
68.	1987	27 April - 21 May	Expert Meeting	Meetings of Experts on Space Science and Technology and its Applications Within the Framework of Educational Systems	Lagos, Nigeria	Govt. of Nigeria	ECA	F: 16 T: 59	A/AC.105/390
69.		11 - 30 May	Training Course	Twelfth International Training Course on the Applications of Remote Sensing to Marine Fisheries	Rome, Italy	Govt. of Italy FAO	Global	F: 22 T: 22	A/AC.105/388
70.		3 - 15 June	Seminar	International Seminar on Space Communications	Moscow, USSR	Govt. of USSR	Global	F: 15 T: 15	A/AC.105/391
71.		6 - 23 Oct.	Training Course	Training Course on Remote Sensing Applications to Geological Sciences	Dresden, Germany	German Democratic Republic	Global	F: 13 T: 13	A/AC.105/393
72.		13 - 30 Oct.	Training Course	Fouth International Training Course on the Applications of Remote Sensing to Operational Agro-Meteorology and Hydrology	Jakarta, Indonesia	Govt. of Indonesia WMO, FAO, ESA,	ESCAP	F: 16 T: 24	A/AC.105/392
73.	1988	6 - 22 April	Training Course	Training Course on Applications of Remote Sensing and Agro-Meteorological Data to Drought Assessment and Vegetation Monitoring	Nairobi, Kenya	Govt. of France ESA, FAO, WMO, Regional Centre for Services in Surveying, Mapping & Remote Sensing, Nairobi	ECA, ESCWA	F: 21 T: 21	A/AC.105/413

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74.		19 - 23 Sept.	Seminar	International Seminar on the Development and Applications of Satellite Communication Systems	Beijing, China	Govt. of China	ESCAP	F: 9 T: 30	A/AC.105/416
75.		26 - 30 Sept.	Workshop	Workshop on Microwave Remote Sensing Technology	Bangkok, Thailand	Govt. of Thailand ESA	ESCAP	F: 11 T: 30	A/AC.105/417
76.		12 Sept. - 7 Oct.	Training Course	Thirteenth International Training Course in the Applications of Remote Sensing to Water Resources	Sardinia & Rome, Italy	Govt. of Italy FAO, UNESCO	Global	F: 19 T: 19	A/AC.105/414
77.		24 - 28 Oct.	Workshop	Workshop on Regional Space Information Systems	Lima, Peru	Govt. of Peru CONIDA	ECLAC	F: 17 T: 50	A/AC.105/422
78.	1989	8 - 12 May	Expert Meeting	Meeting of Experts on Remote Sensing and Satellite Meteorology Applications to Marine Resources and Coastal Management	Maspalomas, Spain	Govt. of Spain UNDP, FAO, ESA	ECA	F: 42 T: 84	A/AC.105/436
79.		15 May - 2 June	Training Course	Fifth International Training Course on the Use of Remote Sensing Systems in Hydrological and Agro-Meteorological Applications	Canberra, Australia	Govt. of Australia WMO, ESA	ESCAP	F: 19 T: 19	A/AC.105/437
80.		26 - 30 June	Expert Meeting	International Meeting of Experts on the Development of Remote Sensing Skills and Knowledge	Dundee, Scotland, UK	Govt. of UK of Great Britain and Northern Ireland	Global	F: 14 T: 44	A/AC.105/438
81.		25 Sept. - 6 Oct.	Workshop	Workshop on Oceonographic/Marine Space Information Systems	Karachi, Pakistan	Govt. of Pakistan IOMAC, UNESCO	Global	F: 27 T: 70	A/AC.105/439
82.		25 Sept. - 6 Oct.	Training Course	Training Course on the Use of Remote Sensing Data in Agriculture Management	Moscow, USSR	Govt. of USSR	Global	F: 16 T: 16	A/AC.105/440
83.		5 - 22 Oct.	Training Course	Second Training Course on Remote Sensing Applications to Geological Sciences	Potsdam, GDR	Govt. of the German Democratic Republic	Global	F: 15 T: 19	A/AC.105/441

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84.		6 - 24 Nov.	Training Course	Fourteenth International Training Course on Remote Sensing Applications to Land Resources	Rome, Italy	Govt. of Italy FAO	Global	F: 23 T: 23	A/AC.105/442
85.	1990	14 May - 15 June	Training Course	International Training Course on Remote Sensing Education for Educators	Stockholm & Kiruna, Sweden	Govt. of Sweden	ECA	F: 25 T: 25	A/AC.105/463
86.		26 - 30 March	Workshop	Workshop on Space Communications for Development	Havana, Cuba	Govt. of Cuba	ECLAC	F: 15 T: 57	A/AC.105/469
87.		19 - 23 Nov.	Workshop	Workshop on Microwave Remote Sensing Technology	São José dos Campos, Brazil	Govt. of Brazil INPE, FAO, ESA	ECLAC	F: 19 T: 57	A/AC.105/471
88.	1991	30 April - 30 May	Workshop	First Workshop on Basic Space Science	Bangalore, India	Govt. of India, ISRO	ESCAP	F: 19 T: 87	A/AC.105/489
89.		10 - 14 June	Workshop	Workshop on Microwave Remote Sensing Technology	Maspalomas, Spain	Govt. of Spain INTA, FAO, ESA	ECA, ESCWA	F: 17 T: 34	A/AC.105/493
90.		23 - 27 Sept.	Workshop	Workshop on the Applications of Space Techniques to Combat Natural Disasters	Beijing, China	Govt. of China ESCAP, UNDRO	ESCAP	F: 17 T: 72	A/AC.105/494
91.		9 Sept. - 4 Oct.	Training Course	International Training Course on Remote Sensing Applications for Environmental Assessment and Monitoring	Sioux Falls, South Dakota, USA	Govt. of USA., USGS, NASA, NOAA	Global	F: 23 T: 25	A/AC.105/499
92.		7 - 25 Oct.	Training Course	Third International Training Course on Remote Sensing Applications to Geological Sciences	Potsdam, Berlin, Germany	Govt. of Germany, Carl Duisberg Society, Berlin, ESA	Global	F: 19 T: 19	A/AC.105/495
93.		7 - 25 Oct.	Training Course	Sixth Training Course on the Use of Visible, Infrared and Radar Sensor Systems in Hydrological and Agro-Meteorological Applications	Lima, Peru	Govt. of Peru CONIDA, WMO, ESA,	ECLAC	F: 18 T: 29	A/AC.105/496

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94.	1992	9 - 13 March	Workshop	Workshop on Space Technology for Resource Development and Environmental Management	Quito, Ecuador	Govts. of Japan and Ecuador	ECLAC	F: 32 T: 98	A/AC.105/525
95.		11 May - 12 June	Training Course	Second International Training Course on Remote Sensing Education for Educators	Stockholm & Kiruna, Sweden	Govt. of Sweden BITS, SSC Satellitbild, Univ. of Stockholm	Global	F: 27 T: 27	A/AC.105/526
96.		6-7 August	Workshop	Workshop on Remote Sensing Data Analysis, Methods and Applications	Washington D.C., USA	ISPRS	Global		A/AC.105/545
97.		17 - 20 Aug.	Conference	International Conference on Satellite Remote Sensing for Resource Management, Environmental Assessment and Global Change Studies: Needs & Applications of Developing Countries	Boulder, Colorado, USA	Govt. of USA., NASA, NOAA, USGS, CIESIN	Global	F: 23 T: 150	A/AC.105/527
98.		28 Sept. - 16 Oct.	Training Course	Fourth International Training Course on Remote Sensing Applications to Geological Sciences	Potsdam, Berlin, Germany	Govt. of Germany, Carl Duisberg Gesellschaft	Global	F: 12 T: 19	A/AC.105/528
99.		12 - 30 Oct.	Training Course	Regional Training Course on the Use of Remote Sensing Systems in Hydrological and Agro-Meteorological Applications	Nairobi, Kenya	ESA, RCSSMRS	ECA, ESCWA	F: 6 T: 17	A/AC.105/529
100.		2 - 13 Nov.	Workshop	Second Workshop on Basic Space Science	San José, Costa Rica & Bogota, Colombia	Govts. of Costa Rica and Colombia, ESA, TPS	ECLAC	F: 19 T: 122	A/AC.105/530
101.		24 - 28 Nov.	Workshop	Workshop on Space Communications for Development	Seoul, Republic of Korea	Govt. of the Republic of Korea	ESCAP	F: 18 T: 86	A/AC.105/531

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102.	1993	19 - 30 April	Training Course	Training Course for African Francophone Countries on Applications of ERS-1 Data for Natural Resources, Renewable Energy and the Environment	Frascati, Italy	ESA	ECA	F: 24 T: 24	A/AC.105/556 A/AC.105/556/Add.1
103.		3 May - 4 June	Training Course	Third Training Course on Remote Sensing Education for Educators	Stockholm and Kiruna, Sweden	Govt. of Sweden BITS, SSC, Univ. of Stockholm	ECA	F: 26 T: 26	A/AC.105/552
104.		10 - 12 May	Workshop	Workshop on Space Communications for Development	Athens, Greece	Govt. of Greece Eugenidis Foundation, OTE	Eastern Europe, Mediter-ranean	F: 26 T: 47	A/AC.105/553
105.		17 - 21 May	Conference	Regional Conference on Space Science and Technology for Sustainable Development	Bandung, Indonesia	Govt. of Indonesia	ESCAP	F: 11 T: 182	A/AC.105/557
106.		27 - 30 Sept.	Workshop	Workshop on Applications of Space Techniques to Prevent and Combat Natural Disasters	Mexico City, Mexico	Govt. of Mexico, ESA, Mexican Communications Institute	ECLAC	F: 19 T: 69	A/AC.105/558
107.		10 Oct. - 6 Nov.	Training Course	Fifth Training Course on Remote Sensing Applications to Geological Sciences: The Planning and Management of the Environment; Natural Resources and Physical Infrastructure	Kathmandu, Nepal	Govt. of Germany, ESA, Carl Duisberg Gesellschaft	ESCAP	F: 19 T: 20	A/AC.105/561
108.		15 - 17 Oct.	Workshop	Workshop on organizing space activities in developing countries: Resources and Mechanisms.	Graz, Austria	Govt. of Austria IAF	Global	F: 40	A/AC.105/559

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109.		18 - 22 Oct.	Workshop	Third Workshop on Basic Space Science	Lagos, Nigeria	Govt. of Nigeria, ESA, DARA, International Centre for Theoretical Physics, NASA, NITEL(Nigerian Telecom.), TPS	Global	F: 18 T: 54	A/AC.105/560 A/AC.105/560/ Add.1
110.		25 - 29 Oct.	Conference	Regional Conference on Space Technology for Sustainable Development in Africa	Dakar, Senegal	Govt. of France WMO, ESA, UNDP, USGS, EOSAT, ESA, MacDonald Dettwiler, Telespazio	ECA	F: 38 T: 133	A/AC.105/562
111.	1994	18 - 28 April	Training Course	Training Course for Latin American and Caribbean Countries on Applications of the European Remote Sensing Satellite (ERS-1) Data for Natural Resources, Renewable Energy and the Environment	Frascati, Rome Italy	Govt. of Italy ESA, United Nations Trust Fund for New and Renewable Sources of Energy	ECLAC	F: 24 T: 24	A/AC.105/594
112.		2 May - 10 June	Training Course	Fourth Training Course on Remote Sensing Education for Educators	Stockholm & Kiruna, Sweden	Govt. of Sweden SSC Satellitbild, Univ. of Stockholm	Global	F: 27 T: 27	A/AC.105/581
113.		27 June - 1 July	Workshop	Fourth Workshop on Basic Space Science	Cairo, Egypt	Govt. of Egypt, ESA, TPS	ESCWA	F: 28 T: 95	A/AC.105/580
114.		14 - 18 Sept.	Workshop	Workshop on Microwave Remote Sensing Applications	Beijing, China	Govt. of China ESA	ESCAP	F: 16 T: 85	A/AC.105/588
115.		3 - 14 Oct.	Workshop/ Training Course	Workshop on Global Change and Training Course on Microwave Remote Sensing Applications	Lima, Peru	Govt. of Peru CONIDA, ESA,	ECLAC	F: 21 T: 24	A/AC.105/596

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116.		12 - 15 Sept.	Workshop	Workshop on Enhancing Social, Economic and Environmental Security through Space Technology	Graz, Austria	Govt. of Austria State of Styria, City of Graz, ESA	Global	F: 42	A/AC.105/586
117.		6 - 9 Oct.	Symposium	Symposium on the Benefits of Space Technology for the Developing World: From Economic Growth to Environmental Protection	Jerusalem	Govt. of Israel IAF, ESA, CEC	Global		A/AC.105/589
118.	1995	27 Feb. - 3 March	Expert Meeting	Meeting of Experts on the Development of the Education Curricula for the Regional Centres for Space Science and Technology Education	Granada, Spain	Govt. of Spain University of Granada	Global	F: 26 T: 26	A/AC.105/649
119.		2 May - 9 June	Training Course	Fifth International Training Course on Remote Sensing Education for Educators	Stockholm and Kiruna, Sweden	Govt. of Sweden BITS, SSC Satellitbild, Univ. of Stockholm	Global	F: 25 T: 25	A/AC.105/617
120.		15 - 19 May	Training Course	Training Course on the Use of ERS-1 Data for the Mapping and Inventory of Natural resources in Africa	Libreville, Gabon	Govt. of Gabon, ESA	ECA	F: 13 T: 25	A/AC.105/613
121.		22 - 26 May	Workshop	Workshop on Space Techniques to Prevent and Combat Disasters	Harare, Zimbabwe	Govt. of Zimbabwe, ERSI, ESA	ECA	F: 14 T: 69	A/AC.105/610
122.		11 - 14 Sept.	Symposium	Symposium on Space Technology for Improving Life on Earth	Graz, Austria	Govt. of Austria Commission of European Communities, ESA	Global	T: 64	A/AC.105/615
123.		28 Sept. - 1 Oct.	Workshop	UN/IAF Workshop on Space Technology for Health Care and Environmental Monitoring in the Developing World	Oslo, Norway	Govt. of Norway Commission of European Communities, ESA, IAF	Global	T: 77	A/AC.105/612

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124.		30 Oct. - 3 Nov.	Conference	Regional Conference on Space Technology for Sustainable Development	Puerto Vallarta, Mexico	Govt. of Mexico, IMC, ESA, Instituto de Geografía, Universidad Nacional Autónoma de Mexico	ECLAC	F: 31 T: 66	A/AC.105/622
125.		13 - 24 Nov.	Training Course	International Training Course for Asia and the Pacific Countries on the Applications of ERS-1 Data to Natural Resources Renewable Sources of Energy & the Environment	Frascati, Italy	ESA, United Nations Trust Fund for New and Renewable Sources of Energy	Global	F: 14 T: 14	A/AC.105/623
126.		20 - 24 Nov.	Conference	International Conference for Theoretical Physics on Optics in Space Science & Technology	Trieste, Italy	ICTP	Global	F: 15 T: 52	A/AC.105/624
127.	1996	11 - 14 Jan.	Workshop	Fifth Workshop on Basic Space Science. From small telescopes to space missions	Colombo, Sri Lanka	ESA, Arthur C. Clarke Centre for Modern Technologies, Govt. of Sri Lanka	ESCAP	F: 32 T: 74	A/AC.105/640
128.		9 - 12 April	Conference	International Conference on Spin-Off Benefits of Space Technology: Challenges and Opportunities	Colorado Springs, Colorado, USA	Govt. of USA, NASA	Global	F: 18 T: 73	A/AC.105/642
129.		22 - 26 April	Workshop	Workshop on Microwave Remote Sensing Applications	Manila, Philippines	ESA, Govt. of Philippines, NAMRIA	ESCAP	F: 20 T: 68	A/AC.105/644
130.		6 May - 15 June	Training Course	Sixth Training Course on Remote Sensing Education for Educators	Stockholm and Kiruna, Sweden	Govt. of Sweden, BITS, SSC, Univ. of Stockholm	Global	F: 26 T: 26	A/AC.105/643

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131.		1 - 5 July	Workshop	Workshop on Space Technology to Prevent and Mitigate the Effects of Disasters	Santiago, Chile	ESA, Govt. of Chile, ONEMI, Comité de Asuntos Espaciales de Chile, Fuerza Aérea de Chile	ECLAC	F: 27 T: 289	A/AC.105/655
132.		9 - 13 Sept.	Conference	International Conference on Small Satellites: Missions and Technology	Madrid, Spain	INTA, ESA, Govt. of Spain	Global	F: 17 T: 263	A/AC.105/645
133.		9 - 12 Sept.	Symposium	Symposium on Space Technology Applications for the Benefit of Developing Countries	Graz, Austria	ESA, European Commission, Govt. of Austria	Global	T: 90	A/AC.105/646
134.		9 - 13 Sept.	Workshop	Sixth Workshop on Basic Space Science: Ground Based and Space Borne Astronomy	Bonn, Germany	ESA, DARA, Max Planck Institute for Radio Astronomy, Govt. of Germany	Global	F: 30 T: 120	A/AC.105/657
135.		3 - 6 Oct.	Workshop	Workshop on Education and Awareness: Space Technology and Applications in the Developing World	Beijing, China	ESA, IAF, Govt. of China	Global	F: 31 T: 93	A/AC.105/656
136.		4 - 8 Nov.	Conference	Second Regional Conference on Space Technology for Sustainable Development in Africa	Pretoria, South Africa	Govt. of South Africa, ESA, EOSAT, Inmarsat, NASA, Nuova Telespazio	ECA	F: 30 T: 99	A/AC.105/658
137.	1997	5 May - 13 June	Training Course	Seventh International Training Course on Remote Sensing Education for Educators	Stockholm and Kiruna, Sweden	Govt. of Sweden, BITS, SSC, Univ. of Stockholm	Global	F: 27 T: 27	A/AC.105/678

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138.		16 - 20 June	Workshop	Seventh Workshop on Basic Space Science: Small Astronomical Telescopes and Satellites in Education and Research	Tegucigalpa, Honduras	ESA	ECLAC	F: 24 T: 80	A/AC.105/682
139.		8 - 11 Sept.	Symposium	Symposium on Space Industry Co-operation with the Developing World	Graz, Austria	ESA, Govt. of Austria	Global	F: 28 T: 96	A/AC.105/683
140.		21 - 25 Sept.	Workshop	Workshop on Space Communication Technology for Capacity Building	Haifa, Israel	Govt. of Israel	Global	F: 13 T: 72	A/AC.105/684
141.		2 - 5 Oct.	Workshop	Workshop on Space Technology as a Cost Effective Tool to Improve Infrastructures in Developing Countries	Turin, Italy	ESA, IAF, Govt. of Italy, European Commission	Global	F: 30 T: 120	A/AC.105/686
142.		10 - 14 Nov.	Workshop	Workshop on Data Analysis Techniques	São José dos Campos, Brazil	ESA, INPE, Govt. of Brazil	Global	F: 17 T: 50	A/AC.105/687
143.		24 Nov - 5 Dec.	Training Course	Fourth Training Course on Applications of the European Remote Sensing Satellite Data for Natural Resources, Renewable Energy and the Environment	Frascati, Italy	ESA, United Nations Trust Fund for New and Renewable Sources of Energy	ECA	F: 20 T: 20	A/AC.105/688