

CCOP



ANNUAL REPORT 2001

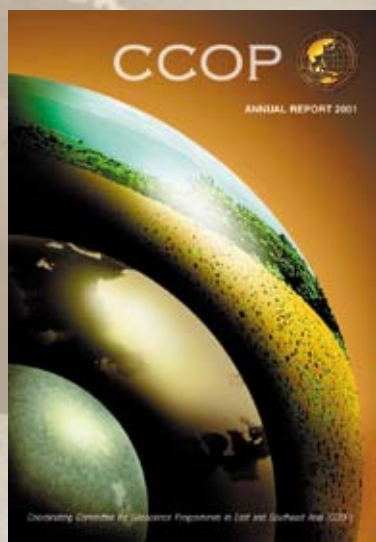
Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP)

CONTENTS

CCOP



• <i>Message from the Chairman</i>	1
• <i>CCOP</i>	2
• <i>Management and Organization</i>	3
• <i>Milestones and Highlights</i>	5
• <i>Technical Cooperation and Activities</i>	7
• <i>Technical Secretariat Director's Mission</i>	14
• <i>Publications</i>	15
• <i>Financial Highlights</i>	16
• <i>List of CCOP Member Countries and Cooperating Countries and Organizations</i>	22



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MESSAGE FROM THE CHAIRMAN



On behalf of CCOP it is a great pleasure for me to say a few words in the 2001 CCOP Annual Report and in particular, to convey our appreciation to the CCOP Member Countries, Cooperating Countries and Organizations, Honorary Advisors and friends for their contributions and assistance. I would like to congratulate the CCOP Technical Secretariat for successfully implementing the CCOP programme of activities for year 2001.

Year 2001 has been a historical year for CCOP as the organization has formulated the CCOP Strategic Plan that will serve as its guide in conducting various programmes of geoscience for sustainable development of the region. This involved the redefining of its activities into three major sectors of seven programmes that will allow a clearer targets for the achievement of CCOP's strategic activities.

The year 2001 witnessed the completion of the Japan supported Digital Compilation of Geoscientific Map Phase III (DCGM III) and the initiation of new DCGM Phase IV Project under the Japan-ESCAP Cooperation Fund (JECF). The training programme for the bibliography database under SANGIS and the implementation of the Gridnet Programme has created opportunities for increase in exchange of information among the Member and Cooperating Countries. The continuation of the Resource Evaluation and Planning Phase II - Exploration Promotion Forum and approval for the financial support for the Petroleum Policy and Management Project for year 2002 - 2005 are major milestones for the energy programmes of our organization. PETRAD seminars continued to be conducted with success. Many other activities including seminars, workshops and meetings, supported by Cooperating Countries, Organizations as well as our own Member Countries under the CCOP umbrella for various other programmes were also organized. We have indeed achieved a high level of activities for the year.

The very encouraging developments mentioned above have confirmed that CCOP has played the role of a relevant and useful intergovernmental geoscience organization. The organization will start the new era of its development with a new Strategic Plan. Commencing January 2002, we will have a new Steering Committee Chairperson -H.E. Mr. Sov Chivkun, Director General, General Department of Mineral Resources, Cambodia. I do believe that, under his stewardship, CCOP will continue to achieve and gain successes. I would like to express my gratitude to all of you who supported me during my term as Steering Committee Chairperson.

Allow me to reiterate that the achievements of CCOP could not be realized without the enthusiastic and effective support from the Member Countries, Cooperating Countries and Organizations and Honorary Advisors and the excellent work done by CCOP Technical Secretariat. I would like to thank you once again. I wish CCOP will achieve great success in its future endeavours.

A handwritten signature in red ink, consisting of stylized, overlapping letters and a long horizontal stroke extending to the right.

Dr. Nguyen Hiep
Chairman

CCOP Steering Committee 2000-2001

The Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP) is an intergovernmental organisation whose mission is to facilitate and coordinate the implementation of applied geoscience programmes in East and Southeast Asia in order to contribute to economic development and an improved quality of life within the region.

CCOP originally with the organization name "Coordinating Committee for Offshore Prospecting in Asia" was initiated in 1966 under the auspices of ESCAP and the United Nations. CCOP became an independent intergovernmental organisation in 1987 based on the common understanding of its Member Countries and the aspirations of the United Nations. The name was changed in 1994 to Coordinating Committee for Coastal and Offshore Geoscience Programmes in East and Southeast Asia. During this period, CCOP devoted itself to co-ordination of, and co-operation in scientific activities related to coastal and offshore areas with respect to geological/geophysical surveys, regional map compilations, database development, development of human resources and transfer of state of the art technology. During the year under review, the new CCOP Strategic Plan was formulated and approved during the 38th Steering Committee Meeting in Phnom Penh Cambodia thereby changing its name to Coordinating Committee for Geoscience Programmes in East and Southeast Asia but still retaining the acronym CCOP. This also reflects the broadening of scope of CCOP activities.

With the new Strategic Plan, CCOP divided its technical activities into three sectors covering seven programmes :

- the geo-resources sector, consisting of the minerals programme, energy programme and groundwater programme
- the geo-environment sector, consisting of coastal zone programme, geohazards programme and environmental geology programme
- the geoinformation sector with the geodata and geoscience information management programme

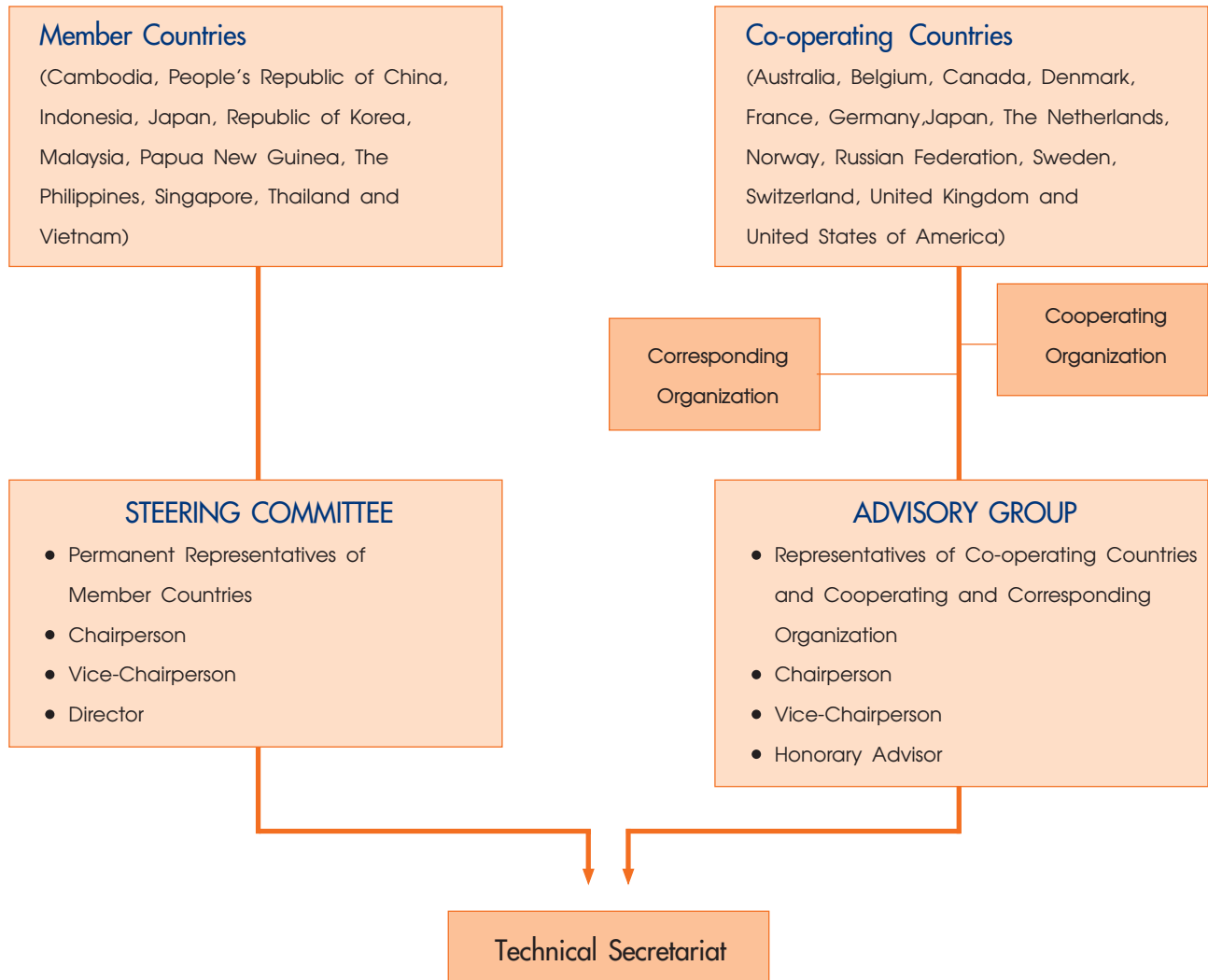
CCOP's achievements have proven that it is a successful organisation with the following advantages in regional cooperation.

- Data exchange and sharing of institutional and administrative experiences
- Regional data compilation and regional resource mapping
- Training and human resource development
- Standardization of resource classification and nomenclature
- Harmonisation of regulatory environment
- Joint investment promotion

CCOP's financial source includes the cash contributions made by the Member Countries, project management cost received from major projects and other incomes. Funds for most technical activities are provided by co-operating countries. The CCOP office premise is kindly provided by the Royal Thai Government, through the arrangement of the Department of Mineral Resources (DMR), Ministry of Industry, Thailand.

MANAGEMENT AND ORGANIZATION

ORGANIZATION CHART OF CCOP



PROFESSIONAL STAFF

Mr. Chen Shick Pei
Director

Dr. Sevillo D. David Jr.
Regional Expert

Dr. Eizo Yamada
DCGM Project Coordinator

Mrs. Marivic Pulvera Uzarraga
Geodata and Information Management

SUPPORT STAFF

Mr. Anan Voratartrakul
Finance and Administration

Ms. Petcharat Sarawisutra
Technical Programmes

Ms. Sunit Prokati
Publication and Documentation

Ms. Sansanee Wudhivanich
Secretary

Ms. Oraporn Suwanlertkij
Assistant Accountant

Mr. Visuth Theemasarn
Clerk/Driver

Ms. Tawee Butrakaew
Utility



The CCOP Technical Secretariat Staff. Front row from left to right: Dr. Yamada, Dr. David Jr., Mr. Chen, Dr. Henri Fontaine (Pre-Tertiary Geology Specialist). Back row from left to right: Mr. Anan V., Ms. Petcharat S., Ms. Sunit P., Ms. Oraporn S., Ms. Sansanee W., Ms. Pulvera Uzarraga, Mr. Visuth T. Not in photo: Ms. Tawee B.

During the reporting period, there have been several changes of personnel in the Technical Secretariat. Ms. Jutarat Phoksiri, Head of Publication and Documentation resigned in February 2001 from CCOP to pursue further studies and Mr. Anan Voratantrakul was hired as the Chief of Finance and Administration effective from 15 May 2001. As at 1 December 2001, the Secretariat's workforce totaling 11, comprised 4 professional staff and 7 support personnel.

Dr. Wimpy Tjetjep, Director General of the Directorate General of Geology and Mineral Resources, Indonesia and **Mr. Nopadon Mantajit**, Director General of the Department of Mineral Resources Thailand were appointed as Permanent Representatives of Indonesia and Government of the Kingdom of Thailand respectively.

Dr. Henk Schalke of the Netherlands was appointed Honorary Advisor to CCOP at the 37th CCOP Steering Committee Meeting in Thailand in March 2001. The Honorary Advisors regularly advise the Committee on the technical, scientific and research aspects of its work programme and to attend its annual sessions.



H.E. Sov Chivkun, Permanent Representative of Cambodia to CCOP was elected Chairman of the CCOP Steering Committee for the period 2002-2003. He will succeed Dr. Nguyen Hiep, Permanent Representative of Vietnam to CCOP, the Steering Committee Chairman for the period 2000-2001.

Dr. David Prior, Honorary Advisor, Dean, College of Geosciences Texas A&M University succeeded Dr. Schalke as Chairman of the CCOP Advisory Group.

The Technical Secretariat has moved to its new office premise provided by the Royal Thai Government, through the kind arrangement of the Department of Mineral Resources, Ministry of Industry, at the twenty-fourth floor of the Thai CC Tower, Sathorn Tai Road, Bangkok. The new office was officially opened on 21 December 2001 by Mr. Nopadon Mantajit, Director-General of the Department of Mineral Resources, Thailand. CCOP would like to express its appreciation to the Royal Thai Government, through the Department of Mineral Resources, for providing the excellent office premise and in facilitating the relocation of the CCOP TS to its new office premise. Appreciation is also extended to all the Member Countries for their contributions in furnishing the new office and for the additional contribution by the Government of Korea for the construction of the new conference room.



Geoscience for a Sustainable Future : A Strategic Plan for CCOP



With the challenges being faced by CCOP for the new millennium, the need to formulate a Strategic Plan to guide CCOP has been recognized to be very important. The formulation of a new strategic plan has been proposed and endorsed in the 33rd CCOP Steering Committee Meeting in Bangkok, Thailand in March 1999. Related to this, a questionnaire has been disseminated to the Member Countries. The responses were reviewed and compiled by the CCOP Technical Secretariat and served as a working document in the formulation of the draft strategic plan.

In conjunction with the 37th CCOP Steering Committee Meeting, the CCOP Strategic Plan Workshop was held on 19-20 March 2001, in Khon Kaen, Thailand. The Workshop was participated by delegations from the Member Countries and facilitated by Dr. Anthony Reedman, Honorary Advisor of CCOP. The Technical Secretariat, with the assistance of Dr. Reedman had compiled and prepared documents and materials for the CCOP Strategic Plan Meeting.

The delegations discussed the development of the CCOP Strategic Plan, with the focus mainly on the mandate and the technical activities of CCOP. Other related issues concerning the acronym of CCOP, extension of membership, linkages with other organizations and raising the profile of CCOP were also discussed. A preliminary outline draft of the CCOP Strategic Plan was prepared during the workshop and presented to the 37th CCOP Steering Committee Meeting for endorsement.

A full draft of the text of Strategic Plan was prepared by the CCOP Technical Secretariat with Dr. Reedman and distributed to the Member Countries and the Advisory Group for their comments. The final draft was presented to the 38th CCOP Annual Session for endorsement and approved by the 38th CCOP Steering Committee Meeting in October 2001 in Phnom Penh, Cambodia.





37th and 38th CCOP Steering Committee Meetings and 38th CCOP Annual Session

CCOP Steering Committee Meetings are being held twice a year to review the programmes and activities of CCOP while the CCOP Annual Session assemble the three constituent units of CCOP for a General Consultative Meeting and country and organization presentations.

The 37th CCOP Steering Committee Meeting was held in Khon Kaen, Thailand from 21 to 22 March 2001 and attended by 33 delegates from ten Member Countries, including the staff of the CCOP Technical Secretariat. Also present was Dr. Anthony Reedman, Honorary Advisor of CCOP who attended the Meeting as Resource Person.

The 38th CCOP Annual Session and 38th Steering Committee Meeting were held at the Hotel Cambodiana, Phnom Penh, Cambodia on 23-26 and 29-30 October 2001, respectively. This is the first time for the Royal Government of Cambodia through the General Department of Mineral Resources headed by H.E. Mr. Sov Chivkun, Director-General and Permanent Representative of Cambodia to CCOP to host these events. The Annual Session was attended by 94 delegates from the Member Countries and Cooperating Countries and Organizations and Advisors. The Opening Ceremony was graced by H.E. Mr. Suy Sem,

Minister, Ministry of Industry, Mines and Energy, Royal Government of Cambodia.

The main focus of the meetings was on progress report, financial matters, workplan and the status of current projects and new initiatives. A special thematic session with the theme "*Challenges of the Geoscience Organizations and the Impact on their Current Status and Organizational Structure*" was held in conjunction with the Annual Session.

The Steering Committee Meeting approved the proposed budget for 2002. The Technical Secretariat have taken urgent actions following the decisions and recommendations of the Meeting on various issues on CCOP activities covering the four main sectors on : Energy, Minerals, Coastal Zone and Geohazards and Geodata and Information Management.

Another important matter that was addressed by the Steering Committee Meetings and the CCOP Annual Session was the presentation, review, endorsement and approval of the CCOP Strategic Plan.

Technical Activities with Cooperating Countries and Organizations

Technical support for activities contributing to sustainable geo-resources and environmentally sound development in the CCOP region is continuously provided by the Cooperating Countries and Organizations. To optimize the benefits of the programme support provided by the Cooperating Countries and Organizations, the Member Countries also provide in-kind support to CCOP work programmes.

Other co-operating countries generally continued their technical support to a number of CCOP work programmes by providing valuable advice and guidance as well as the implementation of bilateral technical assistance to CCOP Member Countries. Thanks are due to all the fourteen co-operating countries for their provision of representatives to CCOP who have contributed in large measure to the review, assessment and formulation of CCOP work programmes.

Cooperating Country/ Organization	Activities
Canada	Memorandum of Understanding (MOU) on cooperation in geoscientific programmes was signed between the Geological Survey of Canada and CCOP during the 37th Steering Committee Meeting that will strengthen Canada-CCOP cooperation.
Denmark	Continued consultation for new initiatives and bilateral seminars with Vietnam Petroleum Institute (VPI) which will also be available to other CCOP member countries.
France	Provided the services of Dr. Henri Fontaine, Pre-Tertiary Geologist. Supported the SANGIS Training-Bibliographic Phase through CIFEG.
Japan	Contributions to the DCGM Project and Institutional support with JECF Funds and provision of non-reimbursable experts' services Publication of the CCOP Technical Bulletin Vols. 28 and 29 and assistance in the scanning of large maps through AIST-GSJ.
The Netherlands	Publication of the Coastplan CD-ROM which was distributed to Member and Cooperating Countries and Organizations. Technical Secretariat communicating with TNO-NITG seeking continuation of CCOP-Netherlands cooperation for new activities.
Norway	Supported the Resource Evaluation and Planning Phase II (REP II) Project- Exploration Promotion Forum. Organized tailor-made bilateral seminars/workshops through PETRAD for CCOP Member Countries with Norwegian Government as well as oil and gas industry funding support. Confirmation of financial support to the Petroleum Policy and Management (PPM) Project.

United Kingdom	In cooperation with British Geological Survey and ESCAP successfully organized the KaR Workshop on "Strategies and Systems on Maximising Geoscience Data Value" held in Bangkok June 21-22, 2001. Provided resource person for the Seminar on Regional Geochemical Exploration in China through BGS. Cooperated with GETECH in the production of aeromagnetic and gravity maps in the CCOP region.
United States of America	Has cooperated through the Circum Pacific Council for the finalization of the WGGC Project. Through the U.S. Geological Survey cooperation on future initiatives on gas hydrates, coal bed methane, Global Mineral Resource Assessment and the Sea Grant Programme. Texas A & M University made available Fellowships for the Member Countries.
Asean Council on Petroleum (ASCOPE)	Participated to the Joint Committees Meeting of ASCOPE held in Singapore on April 2001, as well as organized seminars with PETRAD
Economic and Social Commission for Asia and the Pacific (ESCAP)	Cooperated in the organization of the KaR Workshop on "Strategies and Systems on Maximising Geoscience Data Value" and the SANGIS Training Programme - Bibliographic Phase. Information exchange and discussion, cooperation on technical activities as well as organizing workshops and conferences were continued
Intergovernmental Oceanographic Commission, Western Pacific (IOC/WESTPAC)	Regular communication for exchange of information related to integrated coastal zone management particularly in organizing the 5 th International Seminar on Asian Marine Geology planned to be held in Thailand in 2003.
International Union of Geological Sciences (IUGS)	Signed a Memorandum of Understanding for cooperation in activities of mutual interest. Invited CCOP to co-sponsor the Seminar on Mantle Dynamics and Tethyan Hazard Mitigation in Vietnam (IGCP 430)
UNESCO	Provided support to the organization of the SANGIS Training Programme - Bibliographic Phase.

Member Countries' Participation in Technical Activities

The Technical Secretariat has met most of its targets under the following four sectors as planned. Eleven (11) seminars, technical meetings/workshops and trainings were held and attended by 457 participants from the CCOP

Member Countries. Aiming at technology transfer, these activities were highly appreciated by the participants. Visits to Member Countries were made by CCOP experts to provide advisory services.

Sector	No. of activities	No. of participants
1. Energy	6 (*5)	331
2. Minerals	3	88
3. Coastal Zone and Geohazards	-	-
4. Geodata and Information Management	2	38
TOTAL	11	457

* CCOP/ASCOPE/PETRAD bilateral activities

Energy Sector

CCOP programmes in the energy sector has been sustained as a systematic regional endeavor of resource assessment and evaluation which is fundamental to sustainable development of the hydrocarbon resources in the region.

1. Resource Evaluation and Planning Phase II (REP-II)

The REP-II project, which is supported by the Government of Norway through NORAD, has concluded most of its technical activities except for the Exploration Promotion Forum (EPF) for CCOP Member Countries. CCOP has made the arrangements for the EPF to be carried out in conjunction with the Offshore and Northern Seas (ONS 2002) International Conference, Exhibition and Festival in Stavanger, Norway in August 2002. CCOP also planned for exploration promotion for CCOP Member Countries through the Internet.

During the current reporting period, the "CCOP Guidelines for Risk Assessment of Petroleum Prospects" was published. Copies of this publication were distributed to the Member Countries and concerned cooperating agencies of CCOP and it is also posted in the CCOP Homepage.

2. CCOP/ASCOPE/PETRAD Seminars

With the technical and financial support of Norway, CCOP/ASCOPE/PETRAD cooperation have undertaken activities at the request of CCOP Member Countries. The following seminars were organized:

- CCOP-ASCOPE-PETRAD-DGGMR Seminar on Marginal Field Development, Indonesia held in Bandung, Indonesia on January 29 - February 1, 2001 with 43 participants.
- CCOP-ASCOPE-PETRAD-PETROVIETNAM Seminar on Marginal Field Development in Hanoi, Vietnam, on 26-30 March, 2001 with 55 participants from Petrovietnam and its subsidiaries.
- CCOP-ASCOPE-NORAD-PETRAD-DOE Seminar on Management and Operations of Gas Pipeline Systems held in Makati, Philippines, on 14-17 August 2001 with 41 participants.
- CCOP-PETRAD-MLR-CNOOC Seminar on Enhancing Marginal Field Development by Implementing Technology in the offshore area in Shekou, China on 10-14 September 2001 with 95 participants from CNOOC and other Chinese and international institutions.

- CCOP-PETRAD-MLR-CAPC Seminar on Enhancing Marginal Field Development by Implementing Technology on land in Daqing, China on 17-19 September 2001 with 97 participants.

3. CCOP/CPGDP Project on Geological Correlation (WGGC)

Data compilation is on-going in the framework of the Working Group on Geological Correlation (WGGC) Project. The finalization of the Project was discussed during the visit of the Director of the Technical Secretariat to the U.S.A. on July 2001. Publications for the project are now under review by the compilers and Member Countries before final printing.

4. Pre-Tertiary Geological Studies in Southeast Asia

Dr. Henri Fontaine, Expert Pre-Tertiary Geologist continued providing his technical services to the CCOP Member Countries in Pre-Tertiary geological research. From 30 October 2000, to February 2001 he conducted paleontological and biostratigraphy studies in Thailand and Peninsular Malaysia.



Minerals Sector

The Minerals Sector is geared towards enhancement of the capability of Member Countries in assessment, exploration, development, and the sustainable and environmentally sound management of mineral resources in their national territories.

1. Digital Compilation of Geoscientific Maps Project (DCGM)

The Digital Compilation of Geoscientific Maps (DCGM) Project aims to compile geoscientific maps of East and Southeast Asia in digital form and to establish a database system in collaboration with the Member Countries of CCOP. The introduction of Geographic Information System (GIS) for mapping and database management system to the CCOP member countries plays a key role to achieve digitization of CCOP's data and construction of an effective database and management system. Database development is an essential and important tool to digitally compile the integrated geoscientific information for future use. This project has been financed by Japan-ESCAP Cooperation Fund (JECF), which is Japanese contribution to technical activities of CCOP. The Geological Survey of Japan - AIST has greatly contributed to this project through its technical support.

DCGM Phase III Project

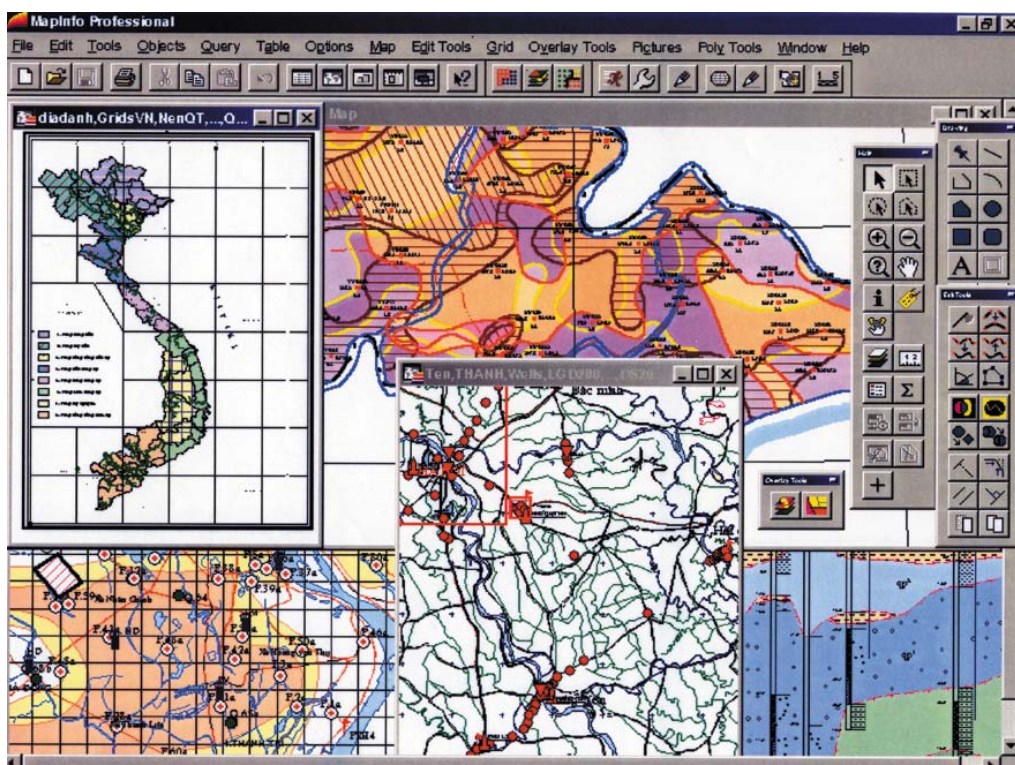
The DCGM Phase III entitled "Digital Geoinformation Maps of Large Urban Areas in the CCOP Region" includes technology transfer of geologic data management and compilation using various techniques in GIS. This project also served as a feasibility study of the application of geological data for preliminary urban planning. The Project was supported by the Government of Japan through the Embassy of Japan in Bangkok with the Japan ESCAP Cooperation Fund (JECF) and was implemented from 1998-2001. Dr. Koji Wakita was the Chief Compiler of the DCGM Phase III Project with Dr. Yusaku Taguchi as the Project Coordinator.

The DCGM III Project has been completed with the publication of the CD ROM set as the Final Product. Aside from the publication of the DCGM III CD ROM set the project also organized or participated in around 20 workshops, trainings and surveys. The Project had greatly contributed to the promotion of regional cooperation and the transfer of technology and know-how that would guide the Member Countries in the use of their newly gained knowledge and experience for the implementation of similar national projects.

CCOP would like to express its appreciation to the Government of Japan through the Embassy of Japan in Bangkok and the Geological Survey of Japan-AIST for their generous support for the DCGM III Project.

DCGM Phase IV Project

The DCGM Phase IV Project entitled "Compilation of Groundwater and Geothermal Databases in the CCOP Region" is a three-year project starting April 2001 that will compile the groundwater and geothermal databases of the



region and will display on the digital maps. The Project Coordinator is Dr. Eizo Yamada. Dr. Atsunao Marui from Japan is the Chief Compiler for the Groundwater Database and Dr. Byoung Woo Yum from Korea as Co-Chief Compiler. For the Geothermal Database, Dr. Yasukuni Okubo from Japan is the Chief Compiler. For the year 2001, the following activities were undertaken:

- The First Compilers' Meeting of the DCGM Phase IV Project entitled "Compilation of Groundwater and Geothermal Databases in East and Southeast Asia" held in Bangkok, Thailand on 24-26 April 2001 with thirty-one (31) participants.
- The First Workshop of DCGM Phase IV (Groundwater Database) held in Beijing, China on 27-29 November 2001 with a total of 23 participants.
- The Project Coordinator of the DCGM IV Project, Dr. Eizo Yamada, had undertaken missions to the following CCOP Member Countries to evaluate and assess the status of groundwater and geothermal databases that will be used for the Project.

Indonesia : 22-28 January 2001
 Korea : 1-4 March 2001
 Japan : 5-11 March 2001
 Cambodia : 21-24 June 2001
 Vietnam : 25-29 June 2001
 China : 9-16 August 2001

Japan : 2-9 September 2001
 Papua New Guinea and Australia : 3-10 October 2001
 Thailand : 5 November 2001

2. CCOP - China Geological Survey Regional Geochemical Exploration Seminar

CCOP and China Geological Survey jointly organized the Regional Geochemical Exploration Seminar, held in Beijing, China on 21-26 May 2001. The Seminar was supported by the China Geological Survey, Ministry of Land and Resources and a resource person was also provided by the British Geological Survey. Thirty-four (34) participants from CCOP Member Countries and two Argentinians listened to topics that include special application of geochemistry for deep concealed deposits, geochemical field methods, laboratory analysis, data management and processing and output of results as well as geochemical mapping and global baseline study.

A special meeting was also convened to discuss CCOP participation in the IUGS Global Geochemical Baselines Project. The status of geochemical exploration and mapping in the CCOP Member Countries was elaborated and participants urged that all efforts should be made to implement this IUGS initiative.



Geodata and Information Management

Since the founding of CCOP, valuable analog and digital data had been collated through its activities and stored in CCOP. Most of these data were generated by CCOP's own activities or through collaboration with the Member Countries, Cooperating Countries, and Organizations. Since the advent of the information technology CCOP have seen the importance of utilizing this technology and thus organized related activities particularly in the dissemination and use of geoinformation for sustainable development.

1. CCOP-ESCAP-BGS KaR Workshop on Maximizing Geoscience Data Value

The DFID - British Geological Survey (BGS) supported Knowledge and Research (KaR) Workshop on Strategies and Systems on Maximizing Geoscience Data Value was conducted at the ESS Training Center of UN ESCAP in Bangkok, Thailand on 21 - 22 June 2001. Twenty-nine (29)

delegates participated in the Workshop from CCOP and ESCAP Member Countries with the objectives to develop strategies and systems to assist geological survey organizations in the handling, management and dissemination of geoscience data and in the training of staff in the relevant techniques.

The workshop also introduced to the participants an overview of the KaR Metadata Project with a purpose to enable Geological Survey Organizations to better fulfil their roles as national geoscience information centers through the organization, maintenance and dissemination of metadata.

2. CCOP-CIFEG-ESCAP-UNESCO SANGIS Training : Bibliographic Phase

CCOP in collaboration with Centre International de la Formation des Echange Geologiques (CIFEG), ESCAP and UNESCO successfully organized the SANGIS Training:

sangis
CIFEG

South-East Asian Network for a Geological Information System

Presentation Objectives Partners Contacts

Search in the bibliographic database

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Help

INTRODUCTION

The SANGIS (South East Asian Network for a Geological Information System) network

The CIFEG has established this network with the aim of promoting exchanges of **geoscientific** data between the following countries:

- Cambodia,
- China,
- Indonesia,
- Japan,
- Korea,
- Laos,
- Malaysia,
- Papua New Guinea,
- The Philippines,
- Thailand,
- Vietnam.

To find out more...

CIFEG associated organisms in the SANGIS programme



Bibliographic Phase on 25-29 June 2001 at the ESS Training Center of UN ESCAP. This hands-on training programme was attended by nine (9) participants from the First Group of CCOP Member Countries and Technical Secretariat. The participants were introduced to the use of ACCESS 2000 in the management of bibliographic data and loading this to the Web-based SANGIS Database Network. Another similar workshop was planned for participants from the Second Group of Member Countries in January 2002.

3. GRIDNET Programme

The mechanism for the implementation of the GRIDNET Programme (Geoscience Research Information Dissemination Network) was approved by the 37th Steering Committee Meeting in March 2001. The programme aims to ensure that reports and other products from Cooperating Country and Organisation's bilateral and other aid funded research projects in, or relevant to, the CCOP region, are made available to organisations in CCOP Member Countries. The Technical Secretariat has already implemented this programme and materials supplied by Member and Cooperating Countries are being incorporated to the programme.

4. Scanning of CCOP Publications

Scanning of all CCOP publications and documents is nearing completion with the main purpose of putting all these documents in electronic form. The Geological Survey of Japan as well as the US Geological Survey provided assistance including the scanning of large maps. Final target will be to upload all these to the CCOP IT System and Homepage for easier access and sharing of this valuable information.

5. CCOP IT Improvement Plan

An evaluation and review of the current status of the computer system, hardware and software of the CCOP Technical Secretariat was undertaken as part of its overall information technology (IT) improvement program to keep pace with the rapid advancement of this technology and the use of this technology for efficient information dissemination and communication. The plan was presented and endorsed at the 37th Steering Committee Meeting in Khon Kaen, Thailand. CCOP TS is now seeking the support of Cooperating Countries and Organizations to implement the plan.

TECHNICAL SECRETARIAT DIRECTOR'S MISSION

The Director of CCOP Technical Secretariat, Mr. Chen Shick Pei, has undertaken missions to CCOP Member and Cooperating Countries with the purpose of raising the profile of CCOP and enhanced linkages with agencies of countries visited. Likewise, the missions also aimed to explore possibilities for new initiatives. The Director expressed his appreciation to the kind arrangements and generosity of the agencies in the countries he visited.

Mission to Japan on 26 - 31 March 2001

Mr. Chen visited Tsukuba and Tokyo, Japan on March 26 - 31, 2001 through the invitation of Geological Survey of Japan - Agency for Advanced Industrial Science and Technology, Japan (GSJ - AIST). The Director discussed with senior officials and experts of GSJ on the progress of current activities such as DCGM III, DCGM IV and the Geotectonic Map of Southeast Asia.

Mission to China on 19-20 May 2001, China

On the Kind invitation of the Chinese Ministry of Land and Resources and China Geological Survey, Mr. Chen conducted a mission to China in conjunction with the holding of the Regional Geochemical Exploration Seminar in Beijing on 19-29 May 2001. The mission had brought the CCOP Director to Beijing and Qingdao and he held discussions with various officials of related agencies in China.

Mission to USA and Canada on 31 July - 16 August 2001

Mr. Chen made a mission to the USA and Canada from 31 July to 16 August 2001 in conjunction with his attendance at the Crowding the Rim Summit organized by the Circum Pacific Council (CPC). The mission brought him to the United States Geological Survey, Texas A & M University and the Circum Pacific Council. He discussed ongoing CCOP activities such as the Working Group on Geological Correlation Project (WGGC) and new initiatives such as the National Sea Grant Programme, Global Mineral Resource Assessment, Coal Bed Methane and Gas Hydrates as well as post graduate fellowship opportunities for CCOP.

During this period, the Director also visited the Geological Survey of Canada and discussed possible areas of cooperation addressing issues on disposal of mine tailing in the coastal and offshore areas, and the geohazard programme in the region.



The following were published during the reporting period :

CCOP Guidelines for Risk Assessment of Petroleum Prospects

(A product of the REP-II Project in hard copy and also posted in the CCOP Homepage)

Technical Bulletin no. 28

Proceedings of the International Symposium on Environmental Groundwater Issues in China

Technical Bulletin no. 29

Proceedings of ITIT Symposium on "Remote Sensing for Disaster Mitigation and Geohazard Mapping"

Technical Publication No. 27

Exodynamic Geohazards in East and Southeast Asia (in hard copy and CD-ROM)

CCOP Annual Report for Year 2000

(Report covering the period January - December 2000)

CCOP Newsletter vol. 26 no. 1

(Report covering the period January-March 2001 uploaded in the CCOP Homepage)

CCOP Newsletter vol. 26 no. 2

(Report covering the period April-June 2001)

CCOP Newsletter vol. 26 no. 3

(Report covering the period July-August 2001 uploaded in the CCOP Homepage)

Urban and Geoscientific Data of East and Southeast Asia

Final Product of the DCGM Phase III Project (2CD-ROMs)

CCOP-COASTPLAN

A CD-ROM containing details of the case studies in China, Indonesia and Papua New Guinea as an integrated coastal zone management project.

Proceedings of the 1st Compilers' Meeting of DCGM Phase IV Project.

The Proceedings of the First Compilers' Meeting of DCGM Phase IV Project, a collection of country reports of CCOP Member Countries on the current status of their groundwater and geothermal databases.

Report of the 37th CCOP Steering Committee Meeting

21-22 March 2001, Khon Kaen, Thailand

Proceedings of the 37th CCOP Annual Session (Part II) Technical Reports

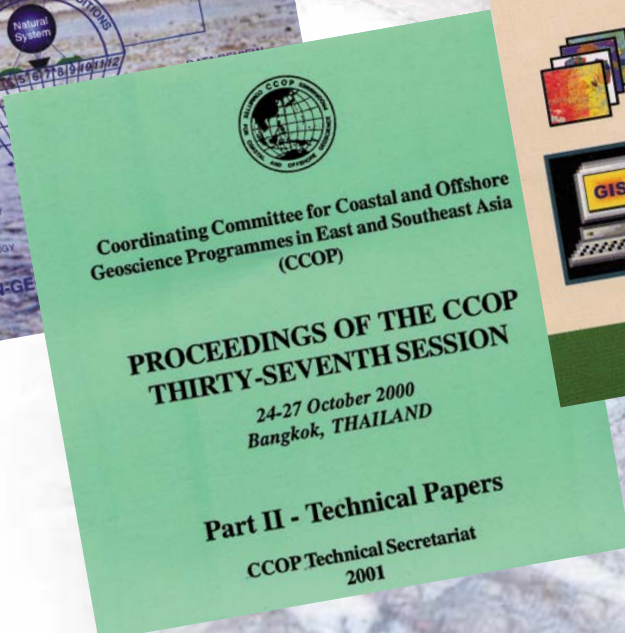
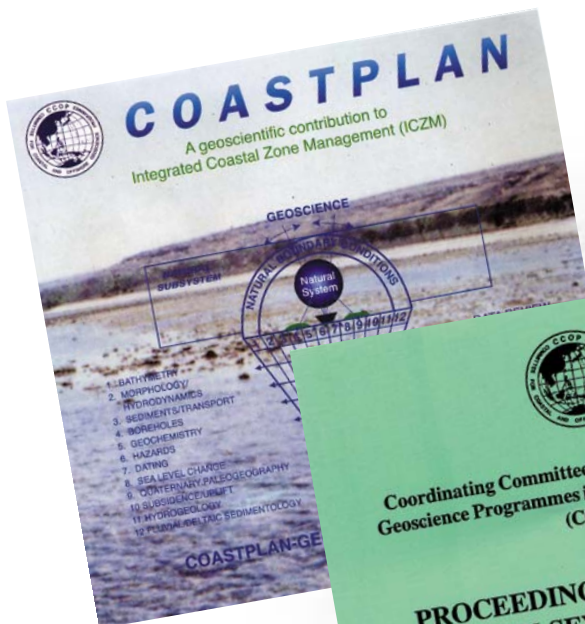
24-27 October 2000, Bangkok, Thailand (in CD-ROM)

Report of the 38th Annual Session Meeting (Part-I)

Proceedings of the 38th CCOP Annual Session 23-26 October 2001, Phnom Penh, Cambodia

Report of the 38th CCOP Steering Committee Meeting

29-30 October 2001, Phnom Penh, Cambodia



FINANCIAL HIGHLIGHTS

MEMBER COUNTRIES CONTRIBUTIONS

For the year ended December 31, 2001

(amount in US Dollars)

Member Country	Received in the year 2001		Expected to receive in the year 2002		
	2000	2001	Arrears of	Arrears of	2002
	Contribution	Contribution	1999 and 2000 Contribution	2001 Contribution	Contribution
Cambodia		5,000.00			5,000.00
China		50,000.00			50,000.00
Indonesia		-		25,000.00	25,000.00
Japan ¹⁾		36,828.32			36,000.00
Korea		60,000.00			60,000.00
Malaysia		50,000.00			50,000.00
Papua New Guinea		-		10,000.00	10,000.00
Philippines	20,000.00	19,846.01	35,434.66	20,153.99	40,000.00
Singapore	-	-	-	-	-
Thailand		40,000.00			40,000.00
Vietnam		15,000.00			15,000.00
Total	20,000.00	276,674.33	35,434.66	55,153.99	331,000.00

1) JECF Funds Project B, for administrative support



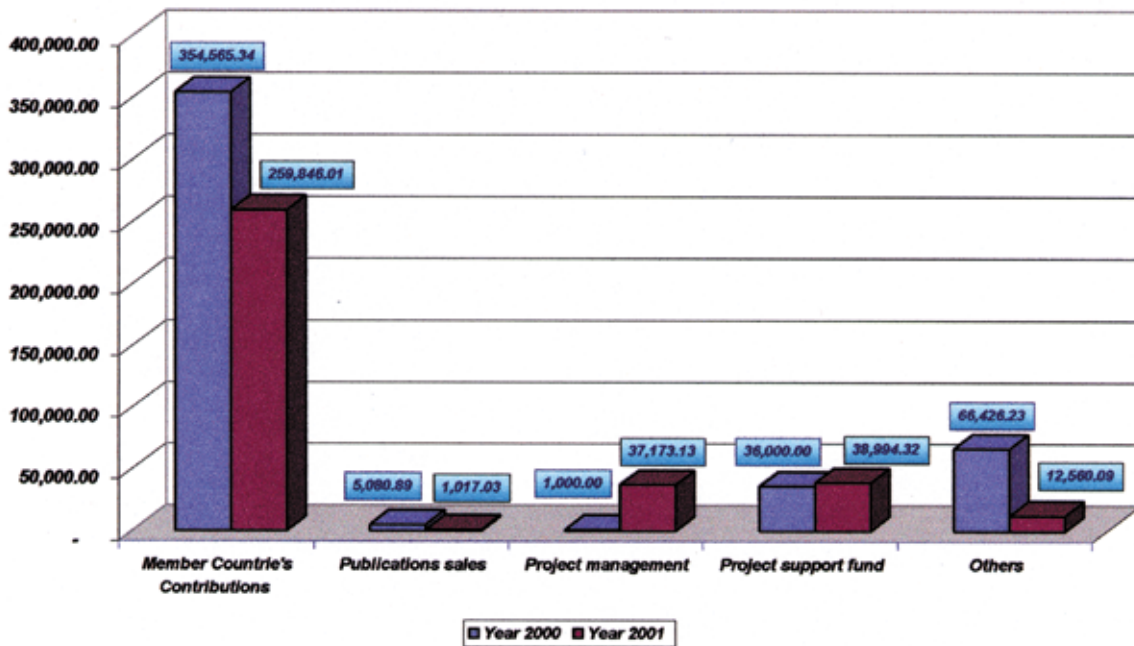
CCOP FINANCIAL STATEMENT

For the year ended December 31, 2001

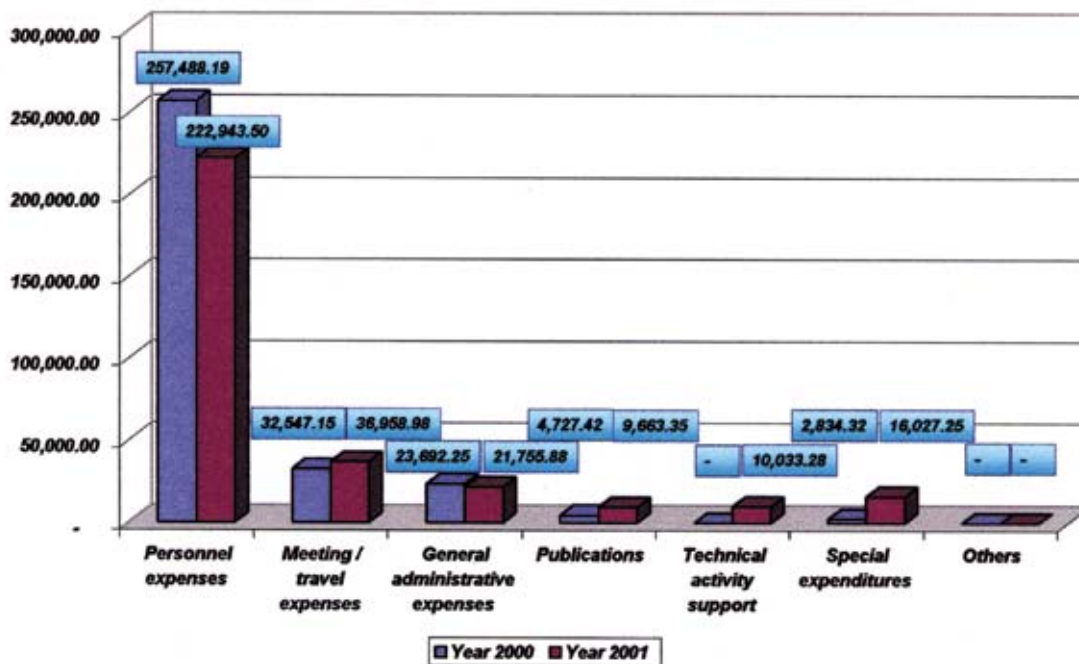
(amount in US Dollars)

	2000	2001
	USD	USD
Fund Balance	193,294.84	329,929.06
Income :		
Member Countries' Contributions	354,565.34	259,846.01
Publications sales	5,080.89	1,017.03
Project management	1,000.00	37,173.13
Project support fund	36,000.00	38,994.32
Others	66,426.23	12,560.09
Total Income	463,072.46	349,590.58
Expenditures :		
Personnel expenses	257,488.19	222,943.50
Meeting / travel expenses	32,547.15	36,958.98
General administrative expenses	23,692.25	21,755.88
Publications	4,727.42	9,663.35
Technical activity support	-	10,033.28
Special expenditures	2,843.32	16,027.25
Others	-	-
Total Expenditures	321,289.33	317,382.24
Income over/(under) expenses	141,783.13	32,208.34
Total Fund Balance before adjustment	335,077.97	362,137.40
Adjusting entries		
Unrealized gain/(loss) on exchange rate for Retained Earning	(4,729.28)	(2,636.44)
Tax payable	(419.63)	-
Year-end Balance	329,929.06	359,500.96
Adjustment to reflect actual cash inflow/(outflow) :		
Receivables & Advance	(10,051.55)	(4,438.28)
Office equipment (net)	(5,506.56)	(27,787.49)
Unrealized gain/(loss) on exchange rate from fund transfer	(3,542.33)	-
Account payable	-	380.09
Tax deductible	249.24	438.95
Year-end Cash Balance	311,077.86	328,094.23

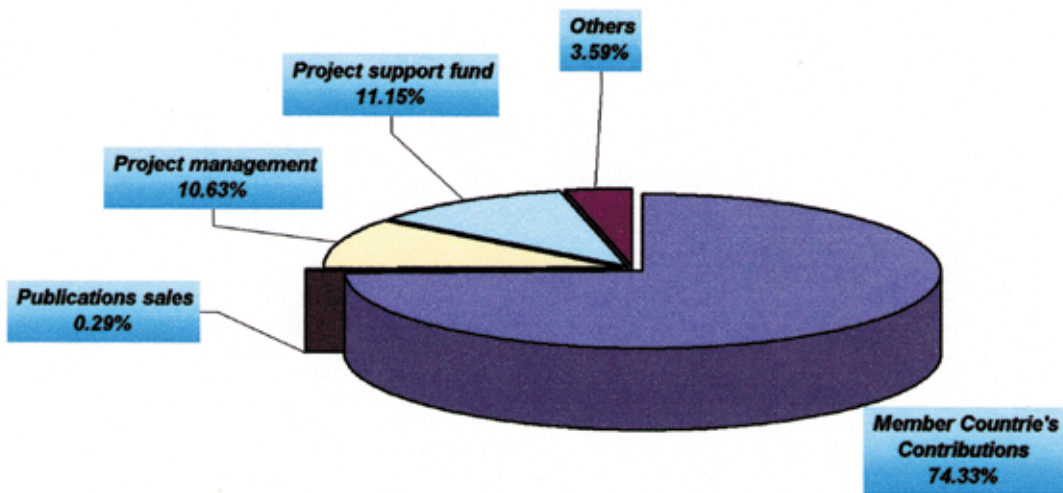
Income



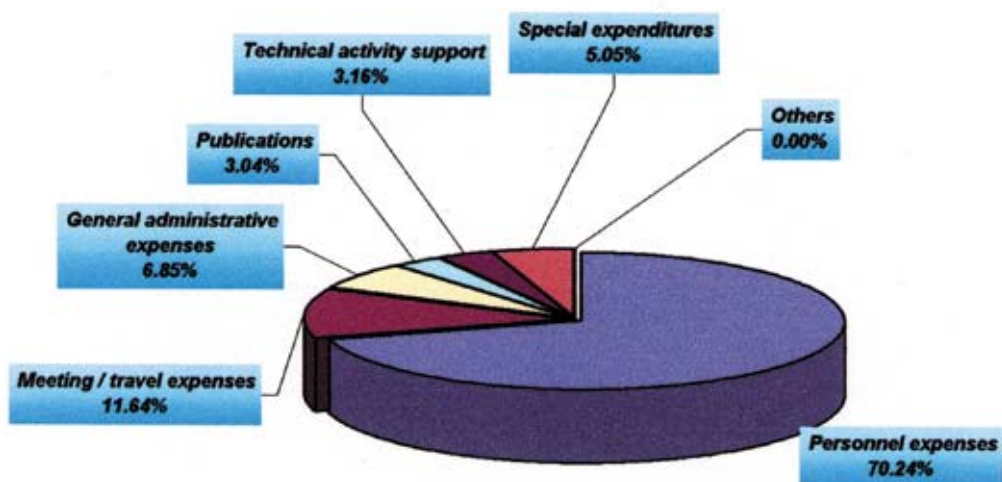
Expenditure



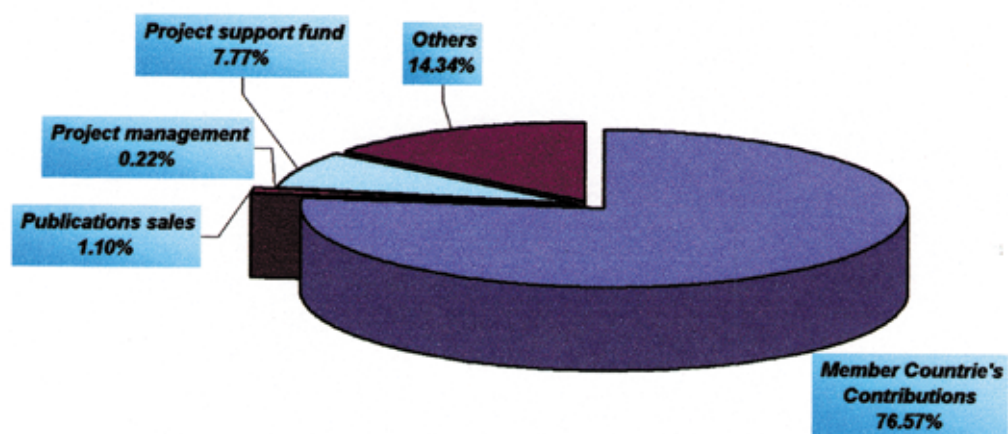
Income for the year 2001



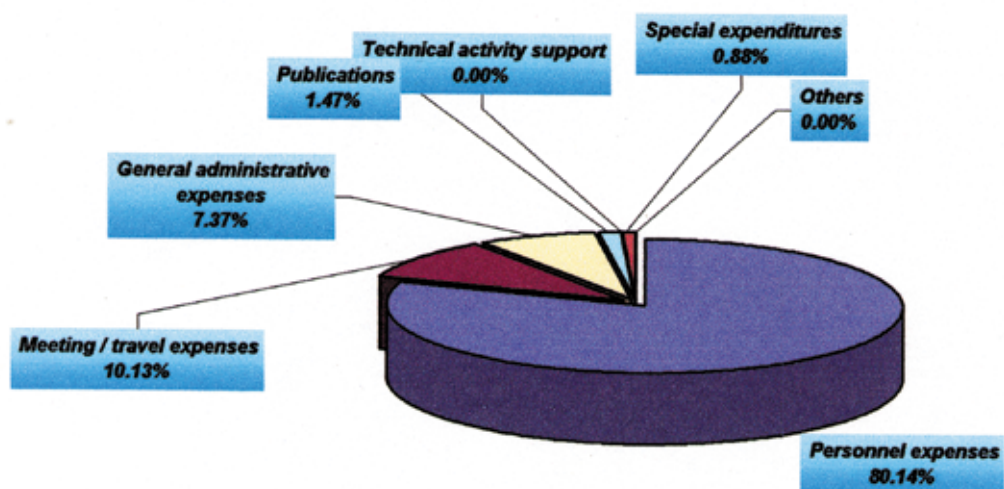
Expenditure for the year 2001



Income for the year 2000



Expenditure for the year 2000



CCOP PROJECTS
FINANCIAL STATEMENT

For the year ended December 31, 2001

(amount in US Dollars)

	JECF (A) FUND		JAPAN FUND		REP II FUND	
	2000	2001	2000	2001	2000	2001
Fund Balance	43,889.07	41,954.16	9,445.29	9,607.73	197,719.61	223,089.10
Income :						
Received from Fund	99,169.91	80,000.00	-	-	65,107.52	-
Others	5,455.82	(1,436.20)	742.47	200.73	10,149.97	7,162.52
Total Income	104,625.73	78,563.80	742.47	200.73	75,257.49	7,162.52
Expenditures :						
Technical Activities Expenses	108,061.17	64,869.92	2.68	-	47,186.82	58,227.62
Total Expenditure	108,061.17	64,869.92	2.68	-	47,186.82	58,227.62
Income over/(under) expenses	(3,435.44)	13,693.88	739.79	200.73	28,070.67	(51,065.10)
Adjusting entries :						
Unrealized gain/(loss) on exchange rate for Retained Earning	1,500.53	2,506.70	(577.35)	(16.75)	(2,701.18)	1,362.23
Year-end Balance	41,954.16	58,154.74	9,607.73	9,791.71	223,089.10	173,386.23
Adjustment to reflect actual cash inflow/(outflow) :						
Tax deductible	12.80	-	-	-	-	-
Office equipment (net)	(2,588.46)	(1,146.37)	-	-	-	-
Year-end Cash Balance	39,378.50	57,008.37	9,607.73	9,791.71	223,089.10	173,386.23

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CCOP

Geoscience For A Sustainable Future

“The Coordinating Committee for Geoscience Programmes in East and South-east Asia (CCOP) is an intergovernmental organization whose mission is to facilitate and co-ordinate the implementation of applied geoscience programmes in East and Southeast Asia in order to contribute to economic development and an improved quality of life within the region”

“To this end, CCOP promotes capacity building, technology transfer, exchange of information and institutional linkages for sustainable resource development, management of geoinformation, geohazard mitigation and protection of the environment”

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