



Coordinating Committee for Geoscience Programs in East and Southeast Asia (CCOP) – Mission, Organization, Strategic Plan & Activities

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CCOP

1966

CCOP established under UN ECAFE

To promote & coordinate the planning & implementation of joint prospecting programmes & research in offshore area

1987

CCOP became Intergovernmental Organization – **12 member countries** (UN funding continued)

1991

CCOP became full Intergovernmental Organization (IGO)

Present

- 14 MCs
- CCOP maintained close link with UN through ESCAP



COORDINATING COMMITTEE FOR GEOSCIENCE PROGRAMMES IN EAST AND SOUTHEAST ASIA (CCOP)

CCOP – Vision & Mission

CCOP

*An intergovernmental
organization*

VISION

A premier
intergovernmental
Earth science
organization in East
and Southeast Asia

MISSION

To contribute significantly to the
economic development and sustainable
management of the environment and
improvement of the quality of life of its
Member Countries by the application of
Earth science knowledge through:

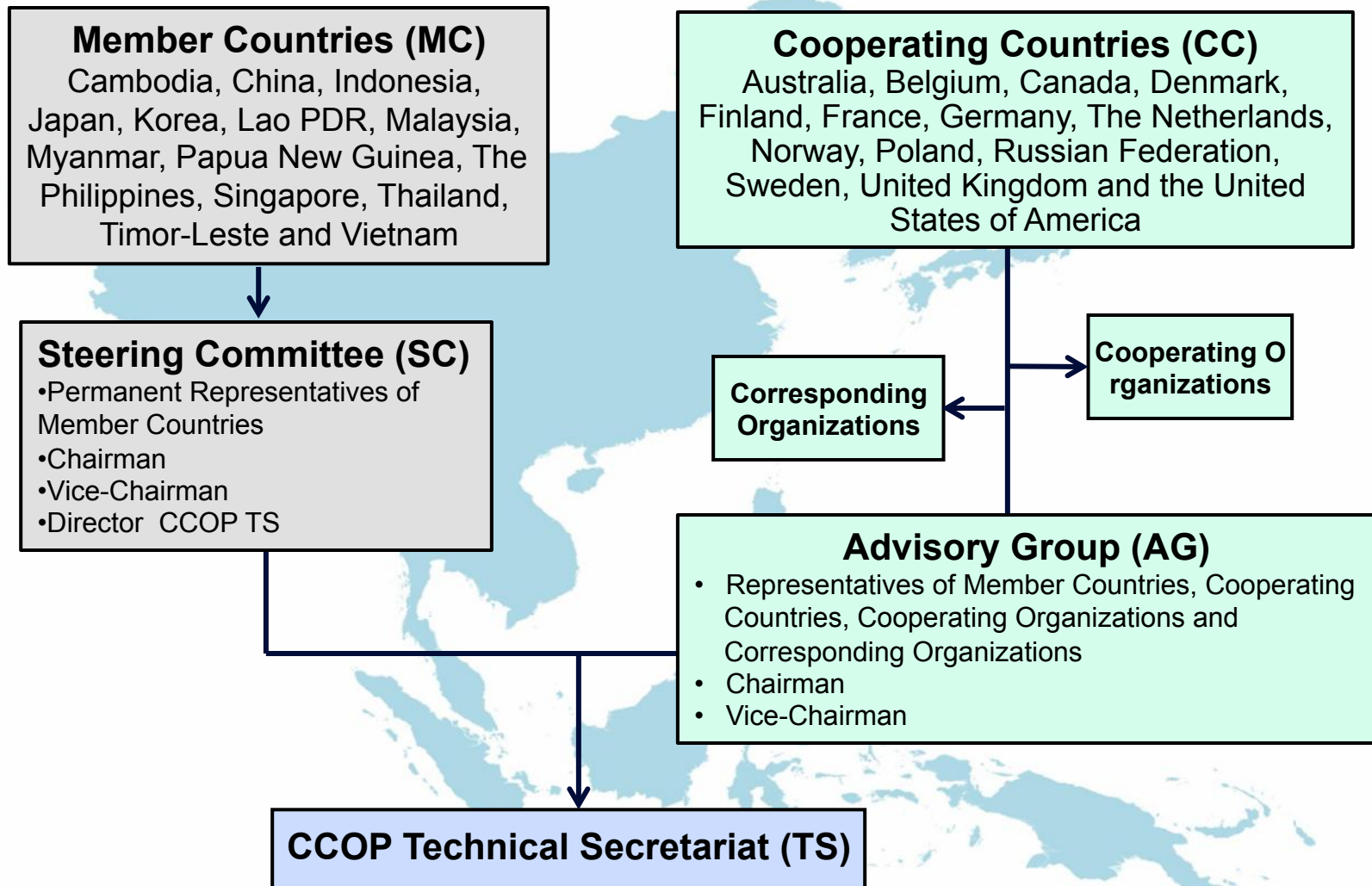
Outreach

Cooperation & Partnership
Knowledge Enhancement & Sharing
Data & Information



COORDINATING COMMITTEE FOR GEOSCIENCE
PROGRAMMES IN EAST AND SOUTHEAST ASIA (CCOP)

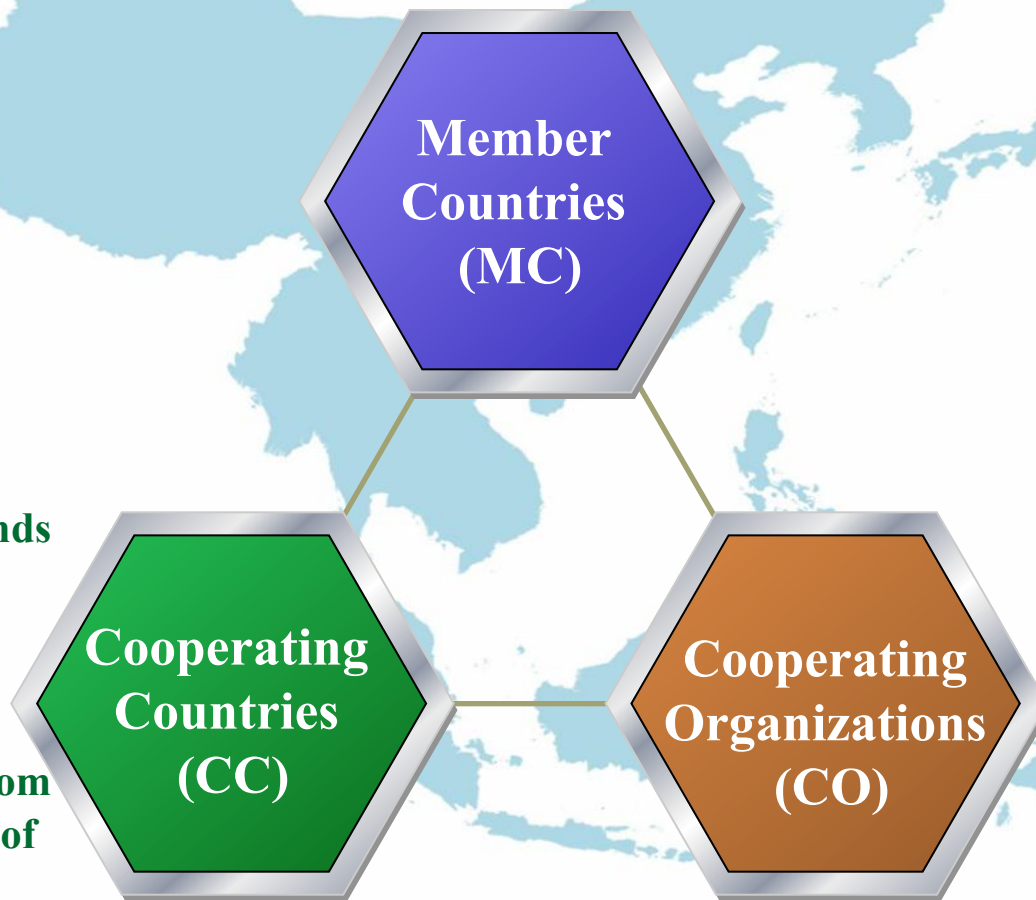
CCOP Organization Structure



STEERING COMMITTEE

- | | | |
|---|--|--|
| <ol style="list-style-type: none"> 1. Cambodia 2. China 3. Indonesia 4. Japan | <ol style="list-style-type: none"> 5. Republic of Korea 6. Lao PDR 7. Malaysia 8. Myanmar 9. Papua New Guinea | <ol style="list-style-type: none"> 10. The Philippines 11. Singapore 12. Thailand 13. Timor-Leste 14. Vietnam |
|---|--|--|

1. Australia
2. Belgium
3. Canada
4. Denmark
5. Finland
6. France
7. Germany
8. The Netherlands
9. Norway
10. Poland
11. Russia
12. Sweden
13. United Kingdom
14. United States of America



1. ASCOPE
2. CIFEG
3. CPC
4. EUROGEOSURVEYS
5. GETECH
6. IOC
7. IOMAC
8. IUGS
9. PETRAD
10. SPC
11. UKM
12. UN-ESCAP
13. UNEP
14. UNESCO
15. THE WORLD BANK



CCOP ORGANIZATION

MEMBER COUNTRIES (MC)

**COOPERATING COUNTRIES (CC)
COOPERATING ORGANIZATIONS (CO)**

STEERING COMMITTEE

ADVISORY GROUP
Honorary Advisers/ CC & CO Representatives

CHAIRMAN
Dr. Joong-Ho Synn



VICE-CHAIRMAN
Mr. Mior Sallehuddin bin Mior Jadid



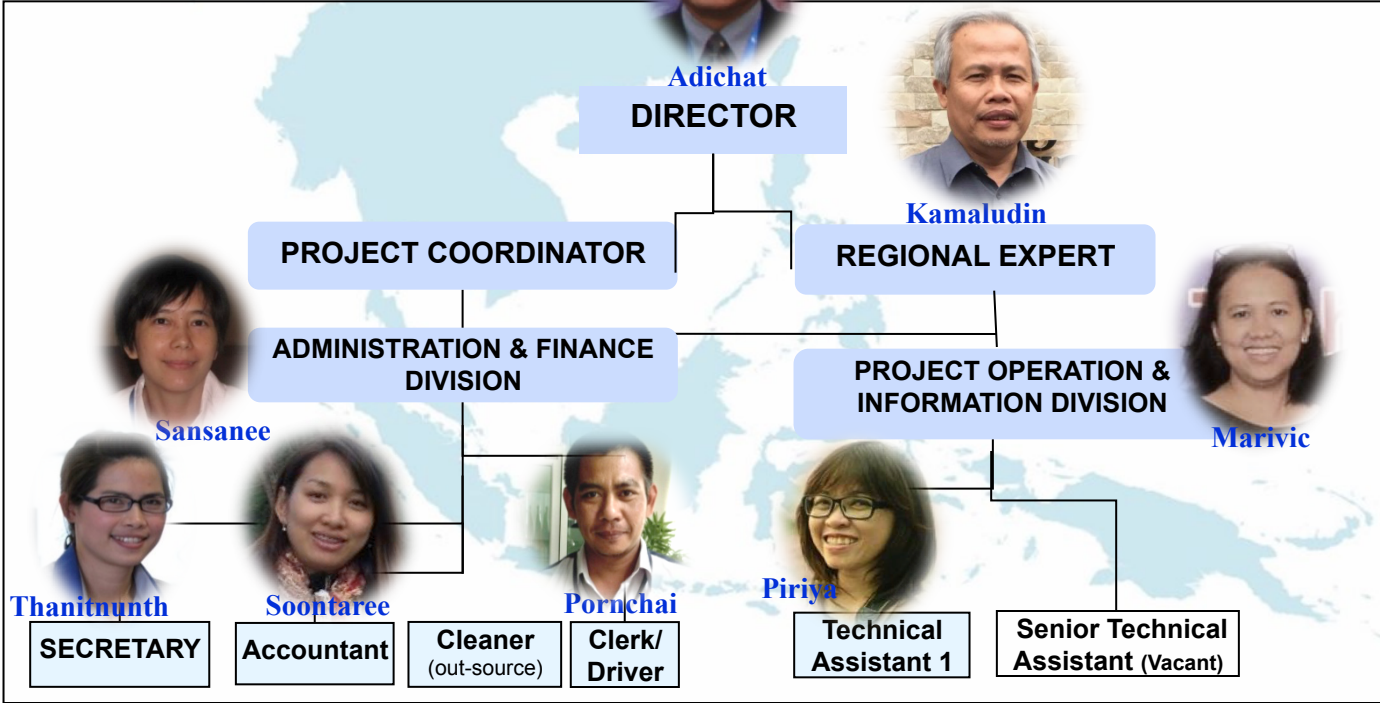
VICE-CHAIRMAN
Mr. Ioannis Abatzis



CHAIRMAN
Ms. Franca Schwarz



CCOP TECHNICAL SECRETARIAT (CCOPTS)



STRATEGIC ROLE OF CCOP



Enhanced coordination of geoscience programs with national geoscience organizations of the MCs

Promote cooperation and collaboration among MCs, CCs, COs, and interested parties

Facilitate sharing and exchange of information and knowledge amongst the stakeholders and communities

STRATEGIC GOALS OF CCOP



1. Outreach

- a. Delivering science to the public*
- b. Practicing knowledge management*
- c. Exploiting the Web*
 - i. increase stakeholder and client networks
 - ii. increase distribution of new and existing products and services
 - iii. seek new and improved ways of promoting CCOP output and to make CCOP more visible in this region and in the world

2. Cooperation and Partnership

- a. Enhancing networking*
- b. Effective collaboration*
 - i. be the center of excellence in coordinating collaborative geosciences programs
 - ii. be a partner of choice for regional and international organizations
 - iii. actively foster a knowledge-exchange culture among the members and in the wider world for disseminating geoscientific knowledge and understanding
 - iv. encourage the Member Countries to initiate and support programs on new and common interests

STRATEGIC GOALS OF CCOP



3. Knowledge Enhancement and Sharing (KES)

a. Areas of focus

- *Egs. geo-hazards prediction and mitigation, environmental geology, water resources integrated management, energy and mineral resources sustainable development and geo-information*

b. Enhancing capabilities

- i. be an organization that focuses on enhancing and building capacities of its Member Countries
- ii. be an innovative organization that seeks out and uses new working practices, tools and technologies
- iii. improve facilities for web-based information and knowledge management

4. Data and Information

a. Facilitate data sharing

b. Efficient exchange of data

- i. improve the sharing and delivery of data and information across boundaries
- ii. improve data quality (i.e. integration, consistency and standardization)
- iii. encourage a culture of knowledge-exchange excellence within the CCOP TS and Member Countries

CCOP Activities - Outreach

	Program	Activities
	Geopark	Support new proposal of Global Geopark (Thailand, Vietnam) Support MCs to participate APGN
	Karst Conservation	MOM with IRCK on Karst Conservation study
	Ground-source Heat Pump (GSJ)	Installation of GSHP System in Indonesia
	Community-Based Landslide Mitigation	Public awareness activities
	Promotion of CCOP activities in Episode quarterly magazine	CCSM article
	CCOP Book Project – Best Practices on Mine Rehabilitation (Ph)	Re-coordinate
	CCOP-KIGAM Unconventional Oil & Gas Resources project:	Book on Shale Basins of CCOP Region (2017)
	CCOP Open Journal	CCOP Editorial Network
	CCOP Apps	Outsourced
	CCOP Brochures/Leaflets	
	GSI (Web GIS) (Dr. Shinji Takarada, GSJ)	Meetings
	CCOP Website, CCOP FB	Continuous Maintenance
	CCOP Annual Report	Editing / Printing

CCOP Activities – Cooperation and Partnership

	Program	Activities
	Increase number of CCOP Cooperating Organizations (CCOPTS)	<ul style="list-style-type: none"> • Asian Pacific Geopark Network (APGN) • American Association of Petroleum Geologists (AAPG) • International Atomic Energy Agency (IAEA) • International Medical Geology Association • Pukyong University, Korea • Others
	Increase CCOP visibility (ASEAN, CLMTV, ASCOPE etc)	More CCOP-ASEAN activities
	Dissemination of Projects undertaken within MC, and with other countries/ organizations (CCOPTS)	Mechanism for sharing knowledge from bilateral projects with cooperating countries outside CCOP MC. CCOPTS with MC
	Expansion of CCOP Membership – Brunei & Mongolia	Visit MRAM
	Active participation of existing Member Countries and Cooperating Countries/ Organizations	More involvement of Cooperating Countries/ Organizations.

CCOP Activities – Knowledge Enhancement & Sharing (KES)

	Program	Activities	
	Geology		
	GONDWANNA International Symposium		Bangkok, Thailand 2017
	Geohazards Prediction & Mitigation		
	Geohazards (study of active fault and risk of earthquakes, slope stability, landslide, monitoring)	Guidelines for mitigation Risk assessment maps Early warning system	Indo/Phl
	BGR - CCOP International Training Courses on Risk-Sensitive Spatial Planning	Approved by 66 th SC March 2016, Siem Reap	3 courses 2017-2018
	<ul style="list-style-type: none"> • First Training Course 	Duration of each course: 13 days	12-24 March Bangkok
	<ul style="list-style-type: none"> • Second Training Course 		10-22 Sept Philippines
	<ul style="list-style-type: none"> • Third Training Course 		19 Feb – 1 Mar 2018, Vietnam (TBC)

CCOP Activities – Knowledge Enhancement & Sharing (KES)

	Program	Activities	
	<i>Environmental Geology</i>		
	Sustainable Mining	Best Practices identified and shared. To organize workshop in conjunction with 53 rd AS in Cebu	Philippines
	<i>Climate Change Consequences and Geoscience Response (Risk/Vulnerability Assessment and Adaptation)</i>		
	Climate Change Adaptation		
	Coastal Water Management (Under effects of Climate Change)		NAWAPI-VNM (with BGR)
	COP 21 & CCUS Technology	KIGAM	Started in 2016
	• CCUS Case Study in Vietnam		2017
	Coastal Geology and Management		
	DeISEA	JpGU-AGU (Japan Geoscience Union – American Geophysical Union) Joint Meeting 2017, 20th – 25th May 2017, Makuhari Messe International Conference Hall, Makuhari Messe, Chiba, Japan	Japan (Dr. Yoshiki Saito)
	Marine Geology Capacity Building (Degrees, training courses, etc.)		China
	• Marine Geology Workshop		September 2017 Cambodia 13

CCOP Activities – Knowledge Enhancement & Sharing (KES)

	Program	Activities	
	<i>Water Resources Integrated Management</i>		
	Deep Groundwater Exploration	Potential areas to be identified	Indonesia / Malaysia
	<i>Groundwater (problems – water resources, dry season, watershed areas)</i>		
	Transboundary Aquifers / Hydrogeological Mapping	Map and Database	Korea/ Cambodia
	Groundwater information in major basins/plains of CCOP countries	Groundwater database Provide WebGIS data to GSi System	Japan (Dr. Youhei Uchida)
	<ul style="list-style-type: none"> • CCOP-GSJ Groundwater Project Meeting 	Geological Agency Indonesia to host the meeting	20-23 March 2017 Bali, Indonesia
	<ul style="list-style-type: none"> • Publication of CCOP-GSJ GW-07 Project Report 	To be printed in Bangkok with funding from GSJ	2017
	VACI 2017		Oct 2017 Hanoi, Vietnam
	Asian Pacific Coastal Aquifers Management Meeting (APCMM5)		July 2017 Danang, Vietnam

CCOP Activities – Knowledge Enhancement & Sharing (KES)

	Program	Activities	
	Energy and Mineral Resources Sustainable Development		
	Development on Strategic Minerals (e.g. rare earth, thorium, heavy minerals)	Mechanism for sharing knowledge e.g. Seminar Workshop, Conferences, etc.	CLMTV project
	Training Workshop on Uranium Geochemistry in the Asia-Pacific Region		Bangkok, Thailand 16–19 May 2017
	Oil & Gas Reservoir Unitization	Unitization Guidelines 2017	ASCOPE
	CCS-M: Geological Storage of CO ₂	CCOP Geological CO ₂ Storage Atlas by 2017	CCOPTS
	<ul style="list-style-type: none"> • CCS-M T8: GIS Training Course I • CCS-M M3: CCOP Atlas structure • CCS-M T9: GIS training course II • CCS-M D1: Launching of the CCOP CO₂ Storage Atlas & Seminar 	Contingent to the availability of additional funds	
	CCOP-KIGAM Unconventional Oil & Gas Resources Project	Map/Web-GIS, first publication 2017	Korea
	<ul style="list-style-type: none"> • UCM7: Finalization of Shale basin maps 		28-30 March 2017 Bangkok
	<ul style="list-style-type: none"> • UCM8: Resource Assessment - volumetric calculation 		July 2017 Indonesia
	<ul style="list-style-type: none"> • UCM9: Coordinator meeting and workshop 	Launching of the Book on Shale Basins of CCOP	October 2017 Cebu, Philippines

CCOP Activities – Knowledge Enhancement & Sharing (KES)

	Program	Activities	
	<i>Geo-Information and Others</i>		
	CCOPTS Capacity Building	Number of geoscience/ GIS training	
	AMOS	Installation at CCOPTS with Systems Usage Training	2017
	CCOPTS Finance Model (Review of the Balanced Budget System)	Reviewed Finance Model Select Finance Committee	
	KIGAM's ISGeo Training Courses	Number of participants/trainees	Korea
	• Training Course on "Petroleum Exploration, Development and Production"		6 – 31 March
	• Training Course on "Exploration and Evaluation of Mineral Resources"		May to June
	• Training Course on "Groundwater and Environmental Geochemistry"		September
	• Training Course on "Landslide and Slope Stability"		Oct/Nov
	• Training Course on "CCUS/Carbon Resource Recycling Appropriate Technology Education"		
	Fellowships (Masters and Doctoral studies)	Number of students	CGS/ CCOPTS
	CCOP High Education Network	Increased number of students/trainees	CGS/ CCOPTS

CCOP Activities – Data & Information

	Program	Activities	
	CCOP-ASEAN Harmonized Geology	First version of harmonized geological map of 5 countries (THA, MYR, LAO, CAM, VNM) More details along the border line of Myanmar and Lao PDR in 2017	Japan (Dr. Yutaka Takahashi and Dr. Yasukuni Okubo)
	GSi	Supported by GSJ. Project Leader: Dr Shinji Takarada	Started in 2015
	• GSi Workshop	Include 2 days training for host (beginners) plus 2 days for all the National Coordinators.	September Lao PDR (TBC)
	Geochemical Mapping	CCOP Geochemical Map according to IUGS standard 2016-2017 –Cambodia 2017-Indonesia	China
	IGDP Phase II	IGDP Phase I concluded in 2015, and the Phase II will be initiated in 2017.	China
	OneGeology Consortium	CCOP Harmonized Geological Map (1:1M scale) be made available at OneGeology Portal by 2020 More layers (other than geology) be contributed to OneGeology Portal.	CCOPTS is currently paying annual membership fee on behalf of CCOP MCs for 5,000 Euro
	UNFC 2009 Application	Guidelines, application case studies for various commodities	CCOPTS

Word cloud of "Thank You" in various languages:

- danke
- 謝謝
- ngiyabonga
- teşekkür ederim
- спасибо
- Баярлалаа
- рахмат
- faafetai lava
- mersi
- kia ora
- barka
- welalin
- tack
- spas
- vinaka
- спасиби
- blagodaram
- dank je
- misaotra
- matondo
- paldies
- grazzi
- maialo
- tapadh leat
- hвала
- asante
- manana
- obrigada
- murakoze
- tenki
- chokrane
- moichhakkeram
- mamnun
- djere dieuf
- tau
- дякую
- go raibh maith agat
- sulpáy
- taiku
- arigatō
- tak
- dakujem
- trugarez
- merci
- mercé
- merci
- xiexie
- ευχαριστώ
- diolch
- dhanyavadagal
- shukriya
- merci
- merci
- terima kasih
- rahmet
- tanemirt
- ありがとうございます
- kop khun krap
- gracias
- gracias
- gracias
- agnorakaloutioun
- sukriya
- sağolun
- dekuji
- sobodi
- dziękuję
- hvala
- mauruuru
- kōszōnōm
- nanni
- nandri
- kiitos
- dankie
- dhanyavad
- bayarlalaa
- gracie
- bedankt
- enkosi
- obrigado
- didiri madloba
- kam sah hamnida
- rahmat
- najis tuke
- তোসাকে ধন্যবাদ
- 감사합니다