

Membership

Canada

Mary Needler Arai (WG 26)

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd.
Nanaimo, BC
Canada V9T 6N7
E-mail: araim@shaw.ca

Sonia D. Batten (AP-CPR)

Sir Alister Hardy Foundation for Ocean Science
4737 Vista View Crescent
Nanaimo, BC
Canada V9V 1N8
E-mail: soba@sahfos.ac.uk

Richard J. Beamish (WG-FCCIFS)

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd.
Nanaimo, BC
Canada V9T 6N7
E-mail: Richard.Beamish@dfo-mpo.gc.ca

Edward Black (WG 24)

Fisheries and Oceans Canada
Biotechnology and Aquatic Animal Health Sciences
Branch
12th floor, 200 Kent St.
Ottawa , ON
Canada K1A 0E6
E-mail: Edward.Black@dfo-mpo.gc.ca

Jennifer L. Boldt (MONITOR, WG 28)

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd.
Nanaimo, BC
E-mail: Jennifer.Boldt@dfo-mpo.gc.ca

Lucas Brotz (WG 26)

Fisheries Centre, Sea Around Us Project
University of British Columbia
AERL Bldg., 2202 Main Mall
Vancouver , BC
Canada V6T 1Z4
E-mail: lucasbrotz@gmail.com

Laura L Brown (FIS)

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd.
Nanaimo, BC
Canada V9T 6N7
E-mail: Laura.L.Brown@dfo-mpo.gc.ca

Robin Brown (SB, TCODE, AP-SOFE)

AP-SOFE Chairman
Fisheries and Oceans Canada
Institute of Ocean Sciences
P.O. Box 6000
Sidney, BC
Canada V8L 1J6
E-mail: robin.brown@dfo-mpo.gc.ca

Ingrid Burgetz (WG 24)

WG 24 Co-Chairman
Fisheries and Oceans Canada
200 Kent St.
Ottawa, ON
Canada K1A 0E6
E-mail: ingrid.burgetz@dfo-mpo.gc.ca

Jon Chamberlain (WG 24)

Fisheries and Aquaculture Management
Institute of Ocean Sciences
P.O. Box 6000, 9860 West Saanich Rd.
Sidney, BC
Canada V8L 4B2
E-mail: jon.chamberlain@dfo-mpo.gc.ca

James Christian (POC, S-CC, WG 29)

S-CC Co-Chairman
Fisheries and Oceans Canada
Canadian Centre for Climate Modelling and Analysis
c/o University of Victoria
P.O. Box 3065, STN CSC
Victoria, BC
Canada V8W 3V6
E-mail: jim.christian@ec.gc.ca

Patrick F. Cummins (WG 27)

Fisheries and Oceans Canada
Institute of Ocean Sciences
P.O. Box 6000
Sidney, BC
Canada V8L 4B2
E-mail: Patrick.Cummins@dfo-mpo.gc.ca

Michael G. Foreman (POC, WG 27, S-CCME, WG-FCCIFS), POC Committee Vice-Chairman,

WG 27 Co-Chairman
Fisheries and Oceans Canada
Institute of Ocean Sciences
P.O. Box 6000
Sidney, BC
Canada V8L 4B2
E-mail: mike.foreman@dfo-mpo.gc.ca

Membership-2011

Moira Donald Galbraith (WG 26, WG 23)

Fisheries and Oceans Canada
Institute of Ocean Sciences
P.O. Box 6000
Sidney, BC
Canada V8L 4B2
E-mail: Moira.Galbraith@dfo-mpo.gc.ca

Kyle Garver (WG 24)

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd.
Nanaimo, BC
Canada V9T 6N7
E-mail: Kyle.Garver@dfo-mpo.gc.ca

Graham E. Gillespie (WG 21, WG 24)

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd.
Nanaimo, BC
Canada V9T 6N7
E-mail: Graham.Gillespie@dfo-mpo.gc.ca

David J. Gillis (GC, F&A)

Fisheries and Oceans Canada
Ecosystem Science Directorate
200 Kent St., 12th Floor, Stn. 12S029
Ottawa, ON
Canada K1A 0E6
E-mail: Dave.Gillis@dfo-mpo.gc.ca

Sophia Johannessen (S-CC)

Fisheries and Oceans Canada
Institute of Ocean Sciences
P.O. Box 6000
Sidney, BC
Canada V8L 4B2
E-mail: sophia.johannessen@dfo-mpo.gc.ca

Stewart Johnson (WG 24)

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd.
Nanaimo, BC
Canada V9T 6N7
E-mail: Stewart.Johnson@dfo-mpo.gc.ca

Jacquelynne R. King (FIS, S-CCME, AP-COVE, WG-FCCIFS)

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd.
Nanaimo, BC
Canada V9T 6N7
E-mail: Jackie.King@dfo-mpo.gc.ca

David L. Mackas (BIO, MONITOR, AP-CPR, WG 23)

Fisheries and Oceans Canada
Institute of Ocean Sciences
P.O. Box 6000
Sidney, BC
Canada V8L 4B2
E-mail: Dave.Mackas@dfo-mpo.gc.ca

Jennifer Martin (S-HAB)

Fisheries and Oceans Canada
St. Andrews Biological Station
531 Brandy Cove Rd.
St. Andrews, NB
Canada E5B 2L9
E-mail: Jennifer.Martin@dfo-mpo.gc.ca

Lisa Miller (S-CC)

Fisheries and Oceans Canada
Institute of Ocean Sciences
P.O. Box 6000
Sidney, BC
Canada V8L 4B2
E-mail: Lisa.Miller@dfo-mpo.gc.ca

Grant Murray (S-HD)

Institute for Coastal Research
Vancouver Island University
900 Fifth St., Bldg. 305
Nanaimo, BC
Canada V9R 5S5
E-mail: Grant.Murray@viu.ca

Rowena Orok (SG-HD)

Economic Analysis and Research Policy Sector
Fisheries and Oceans Canada
200 Kent St., Station 14E231
Ottawa, ON
Canada K1A 0E6
E-mail: rowena.orok@dfo-mpo.gc.ca

Angelica Peña (BIO)

Fisheries and Oceans Canada
Institute of Ocean Sciences
P.O. Box 6000
Sidney, BC
Canada V8L 4B2
E-mail: angelica.pena@dfo-mpo.gc.ca

Ian Perry (WG 28, S-HD, SG-HD) WG 28 Co-Chairman

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd.
Nanaimo, BC
Canada V9T 6N7
E-mail: Ian.Perry@dfo-mpo.gc.ca

Jake Rice (WG-FCCIFS)

Fisheries and Oceans Canada
Ecosystem Science Directorate
Station 12S014, 200 Kent St.
Ottawa, ON
Canada K1A 0E6
E-mail: Jake.Rice@dfo-mpo.gc.ca

Laura Richards (GC, F&A, SG-USP)

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd.
Nanaimo, BC
Canada V9T 6N7
E-mail: Laura.Richards@dfo-mpo.gc.ca

Peter S. Ross (SG-MP, AP-MBM)

SG-MP Chairman

Fisheries and Oceans Canada
Institute of Ocean Sciences
P.O. Box 6000
Sidney, BC
Canada V8L 4B2
E-mail: peter.s.ross@dfo-mpo.gc.ca

Darlene Smith (MEQ, WG 21)

WG-21 Co-Chairman

Fisheries and Oceans Canada
Federal Government of Canada
200 Kent St., STN 8W133
Ottawa, ON
Canada K1A 0E6
E-mail: darlene.smith@dfo-mpo.gc.ca

Robert Stephenson (S-HD)

St. Andrews Biological Station
531 Brandy Cove Rd.
St. Andrews, NB
Canada E5B 2L9
E-mail: Robert.Stephenson@dfo-mpo.gc.ca

Thomas W. Therriault (SB, MEQ, WG 21, AP-AICE, SG-SP), Science Board Vice-Chairman, AP-AICE Chairman

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Rd.
Nanaimo, BC
Canada V9T 6N7
E-mail: Thomas.Therriault@dfo-mpo.gc.ca

Charles Trick (S-HAB)

Schulich School of Medicine
University of Western Ontario
N. Campus Bldg., 1151 Richmond St. N.
London, ON
Canada N6A 5B7
E-mail: trick@uwo.ca

Andrew W. Trites (AP-MBM)

Marine Mammal Research Unit
University of British Columbia
Fisheries Centre, Room 247, AERL, 2202 Main Mall
Vancouver, BC
Canada V6T 1Z4
E-mail: trites@zoology.ubc.ca

China, People's Republic of

Dake Chen (POC)

Second Institute of Oceanography, SOA
36 Baochu Bei Rd.
Hangzhou, Zhejiang
People's Republic of China 310012
E-mail: dchen@sio.org.cn

Liqi Chen (CC-S, AP-COVE)

Chinese Arctic and Antarctic Administration (CAA)
Third Institute of Oceanography, SOA
178 Daxue Rd.
Xiamen, Fujian
People's Republic of China 361005
E-mail: Lqchen@soa.gov.cn

Shang Chen (S-HD, SG-HD)

Research Center for Marine Ecology
First Institute of Oceanography, SOA
6 Xian-Xia Ling Rd., Hi-Tech Park, LaoShan District
Qingdao, Shandong
People's Republic of China 266061
E-mail: qdcs@163.com

Siqing Chen (WG 26)

Yellow Sea Fisheries Research Institute, CAFS
106 Nanjing Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: chensq@ysfri.ac.cn

Yaqu Chen (BIO)

East China Sea Fisheries Research Institute, CAFS
300 Jungong Rd., Yangpu District
Shanghai
People's Republic of China 200090
E-mail: yaquchen@yahoo.com.cn

Jiahua Cheng (FIS)

East China Sea Fisheries Research Institute, CAFS
300 Jungong Rd., Yangpu District
Shanghai
People's Republic of China 200090
E-mail: ziyuan@sh163.net

Membership-2011

Zhengguo Cui (SG-MP)

Yellow Sea Fisheries Research Institute
Chinese Academy of Fishery Sciences
106 Nanjing Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: cuizg@ysfri.ac.cn

Minhan Dai (S-CC)

State Key Laboratory of Marine Environmental Science
Xiamen University
182 Daxue Rd., Siming District
Xiamen, Fujian
People's Republic of China 361005
E-mail: mdai@xmu.edu.cn

Handi Guo (F&A)

Department of International Cooperation
Division of American and Ocean Affairs
Ministry of Agriculture
11 Nongzhanguan Nanli
Beijing
People's Republic of China 100026
E-mail: guohandi@agri.gov.cn

Hao Guo (S-HAB, WG 21)

National Marine Environmental Monitoring Center, SOA
42 Linghe St., Shahekou District
Dalian, Liaoning
People's Republic of China 116023
E-mail: hguo@nmemc.gov.cn

Hongliang Huang (WG 23)

Chinese Academy of Fisheries Sciences
East Sea Fisheries Institute
300 Jungong Rd., Yangpu District
Shanghai
People's Republic of China 200090
E-mail: ecshhl@163.com

Jie Huang (WG 24)

Yellow Sea Fisheries Research Institute, CAFS
106 Nanjing Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: huangjie@ysfri.ac.cn

Chuanlin Huo (MEQ)

Planning and Management Department
National Marine Environmental Monitoring Center, SOA
42 Linghe St., Shahekou District
Dalian, Liaoning
People's Republic of China 116023
E-mail: clhuo@nmemc.gov.cn

Xianshi Jin (FIS, WG-FCCIFS)

Yellow Sea Fisheries Research Institute, CAFS
106 Nanjing Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: jin@ysfri.ac.cn

Chaolun Li (WG 28)

Institute of Oceanology, CAFS
7 Nanhai Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: lcl@qdio.ac.cn

Qiufen Li (S-HAB)

Yellow Sea Fisheries Research Institute, CAFS
106 Nanjing Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: liqf@ysfri.ac.cn

Rurong Lin (WG 21)

Third Institute of Oceanography, SOA
178 Daxue Rd.
Xiamen, Fujian
People's Republic of China 361005
E-mail: linrulong@yahoo.com

Xiaopei Lin (WG 27)

Ocean University of China
238 Songling Rd., Laoshan District
Qingdao
People's Republic of China 266100
E-mail: linxiaop@ouc.edu.cn

Xuezheng Lin (WG 21)

First Institute of Oceanography, SOA
6 Xian-Xia Ling Rd., Hi-Tech Park, LaoShan District
Qingdao, Shandong
People's Republic of China 266061
E-mail: linxz@fio.org.cn

Guimei Liu (WG 27, S-CCME)

National Marine Environmental Forecasting Center
State Oceanic Administration (SOA)
8 Dahuisi Rd., Haidian District
Beijing
People's Republic of China 100081
E-mail: liugm@nmefc.gov.cn; liugm.us@gmail.com

Sumei Liu (AP-CREAMS)

College of Chemistry and Chemical Engineering
Ocean University of China
5 Yushan Rd.
Qingdao, Shandong
People's Republic of China 266003
E-mail: sumeilu@mail.ouc.edu.cn

Xinming Pu (WG 26)

Marine Ecology Research Center
First Institute of Oceanography, SOA
6 Xian-Xia Ling Rd., LaoShan District
Qingdao, Shandong
People's Republic of China 266061
E-mail: xmpu@fio.org.cn

Fangli Qiao (SB, WG 20, SG-USP)

First Institute of Oceanography, SOA
6 Xian-Xia Ling Rd., Hi-Tech Park, LaoShan District
Qingdao, Shandong
People's Republic of China 266061
E-mail: qiaofl@fio.org.cn

Xiujuan Shan (S-CCME)

Key Lab. for Sustainable Utilization of Marine Fishery
Resources, Ministry of Agriculture
Yellow Sea Fisheries Research Institute, CAFS
106 Nanjing Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: shanxiujuan@gmail.com

Xinqiang Shen (MEQ)

East China Sea Fisheries Research Institute, CAFS
300 Jungong Rd., Yangpu District
Shanghai
People's Republic of China 200090
E-mail: esrms@public2.sta.net.cn

Shengzhi Sun (F&A)

Bureau of Fisheries
Division of International Cooperation
Ministry of Agriculture
11 Nongzhanguan Nanli
Beijing
People's Republic of China 100026
E-mail: inter-coop@agri.gov.cn

Song Sun (BIO, WG-26, AICE-AP, CPR-AP, WG 23)

Key Lab of Marine Ecology and Environmental Science
Institute of Oceanology, CAFS
7 Nanhai Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: sunsong@ms.qdio.ac.cn

Ling Tong (TCODE)

Yellow Sea Fisheries Research Institute, CAFS
106 Nanjing Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: tongling@ysfri.ac.cn

Fan Wang (POC)

Key Lab. of Ocean Circulation and Waves
Institute of Oceanology, CAFS
7 Nanhai Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: fwang@ms.qdio.ac.cn

Lijun Wang (WG 21)

National Marine Environmental Monitoring Center, SOA
42 Linghe St., Shahekou District
Dalian, Liaoning
People's Republic of China 116023
E-mail: ljwang@nmemc.gov.cn

Qingyin Wang (FIS, WG 24)

Yellow Sea Fisheries Research Institute, CAFS
106 Nanjing Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: qywang@public.qd.sd.cn

Ying Wang (GC)

Department of International Cooperation
Ministry of Agriculture
11 Nongzhanguan Nanli
Beijing
People's Republic of China 100026

Zhanggui Wang (POC, AP-SOFE)

National Marine Environmental Forecasting Center, SOA
8 Dahuisi Road, Haidian District
Beijing
People's Republic of China 116023
E-mail: zgwang@nmefc.gov.cn

Dexing Wu (MEQ)

Ocean University of China
5 Yushan Rd.
Qingdao, Shandong
People's Republic of China 266003
E-mail: dxwu@ouc.edu.cn

Lixin Wu (WG 27)

College of Physical and Environmental Oceanography
Ocean University of China
5 Yushan Rd.
Qingdao, Shandong
People's Republic of China 266003
E-mail: lxwu@ouc.edu.cn

Dongfeng Xu (AP-CREAMS)

Second Institute of Oceanography, SOA
36 Baochubei Rd.
Hangzhou, Zhejiang
People's Republic of China 310012
E-mail: dfxu@sio.zj.edu.cn

Zijun Xu (WG 26, SG-MP)

North China Sea Environmental Monitoring Center
North China Sea Branch of SOA
22 Fushun Rd.
Qingdao, Shandong
People's Republic of China 266000
E-mail: zjxu77@gmail.com

Membership-2011

Ningsheng Yang (S-HD, SG-HD)

Research Center of Information and Economy
Chinese Academy of Fishery Sciences
150 Qingta Cun, Yongding Rd.
Beijing
People's Republic of China 100141
E-mail: nsyang@cafs.ac.cn

Ziwei Yao (SG-MP)

National Marine Environmental Monitoring Center, SOA
42 Linghe St., Shahekou District
Dalian, Liaoning
People's Republic of China 116023
E-mail: zw Yao@nmemc.gov.cn

Ruguang Yin (TCODE)

National Marine Data and Information Service, SOA
93 Liuwei Rd., Hedong District
Tianjin
People's Republic of China 300171
E-mail: yrg@mail.nmdis.gov.cn

Fei Yu (AP-CREAMS)

Physical Oceanography Division
First Institute of Oceanography, SOA
6 Xianxialing Road, Hi-Tech Park
Qingdao, Shandong
People's Republic of China 266061
E-mail: yuf@fio.org.cn

Xuelei Zhang (WG 24, S-CCME)

Center for Marine Ecology Research
First Institute of Oceanography, SOA
6 Xian-Xia Ling Rd.
Hi-Tech Park, LaoShan District
Qingdao, Shandong
People's Republic of China 266061
E-mail: zhangxl@fio.org.cn

Zhanhai Zhang (GC)

Department of International Cooperation
State Oceanic Administration
1 Fuxingmenwai Ave.
Beijing
People's Republic of China 100860
E-mail: dongmeitang@soa.gov.cn

Zhifeng Zhang (MONITOR)

National Marine Environmental Monitoring Center, SOA
42 Linghe St., Shahekou District
Dalian, Liaoning
People's Republic of China 116023
E-mail: zfzhang@nmemc.gov.cn

Xianyong Zhao (MONITOR)

Yellow Sea Fisheries Research Institute, CAFS
106 Nanjing Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: zhaoxy@ysfri.ac.cn

Li Zheng (WG 21)

First Institute of Oceanography, SOA
6 Xian-Xia Ling Rd.
Hi-Tech Park, LaoShan District
Qingdao, Shandong
People's Republic of China 266061
E-mail: zhengli@fio.org.cn

Mingyuan Zhu (BIO, S-HAB)

Key Lab for Marine Ecology
First Institute of Oceanography, SOA
6 Xian-Xia Ling Rd.
Hi-Tech Park, LaoShan District
Qingdao, Shandong
People's Republic of China 266061
E-mail: zhumingyuan@fio.org.cn

Ping Zhuang (WG 24)

East China Sea Fisheries Research Institute, CAFS
300 Jungong Rd.
Shanghai
People's Republic of China 200090
E-mail: pzhuang@eastfishery.ac.cn

Zhimeng Zhuang (AP-CPR)

Yellow Sea Fisheries Research Institute, CAFS
106 Nanjing Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: zhuangzm@ysfri.ac.cn

Tao Zuo (WG 23)

Yellow Sea Fisheries Research Institute, CAFS
106 Nanjing Rd.
Qingdao, Shandong
People's Republic of China 266071
E-mail: zuotaolinch@yahoo.com.cn

Japan

Katsuyuki Abo (WG 24)

WG 24 Co-Chairman

Fisheries Research Agency
National Research Institute of Aquaculture
422-1 Nakatsu
Minami-ise, Mie
Japan 516-0193
E-mail: abo@fra.affrc.go.jp

Hideki Akiyama (WG 26)

East China Sea Fisheries Oceanography Division
Seikai National Fisheries Research Institute, FRA
1551-8 Taira-machi
Nagasaki, Nagasaki
Japan 851-2213
E-mail: hakiyama@fra.affrc.go.jp

Sanae Chiba (MONITOR, AP-CPR)

Environmental Biogeochemistry Research Program
Japan Agency for Marine-Earth Science and Technology
(JAMSTEC)
3173-25 Showa-machi, Kanazawa-ku
Yokohama, Kanagawa
Japan 236-0001
E-mail: chibas@jamstec.go.jp

Yasuzumi Fujimori (FIS)

Fisheries Sciences
Hokkaido University
3-1-1 Minato-cho
Hakodate, Hokkaido
Japan 041-8611
E-mail: fujimori@fish.hokudai.ac.jp

Toshio Furota (WG 21)

Environmental Science
Toho University
2-2-1 Miyama
Funabashi, Chiba
Japan 274-8510
E-mail: furota@env.sci.toho-u.ac.jp

Toshitaka Gamo (AP-CREAMS)

Ocean Research Institute
University of Tokyo
1-15-1 Minamidai, Nakano-ku
Tokyo
Japan 164-8639
E-mail: gamo@ori.u-tokyo.ac.jp

Kaoru Hattori (AP-MBM)

Fisheries Management Division
Hokkaido National Fisheries Research Institute, FRA
116 Katsurakoi
Kushiro, Hokkaido
Japan 085-0802
E-mail: khattori@fra.affrc.go.jp

Masahito Hirota (S-HD, SG-HD)

Marketing and Distribution System Section
National Research Institute of Fisheries Science, FRA
2-12-4 Fukuura, Kanazawa-ku
Yokohama, Kanagawa
Japan 236-8648
E-mail: mmhirota@affrc.go.jp

Juri Hori (S-HD)

Department of Psychology
Rikkyo University
1-2-26 Kitano, Niiza-shi
Saitama
Japan 352-8558
E-mail: jhori@rikkyo.ac.jp

Toyomitsu Horii (FIS, WG 24)

Fisheries Research Agency
National Research Institute of Fisheries Science, FRA
6-31-1 Nagai
Yokosuka, Kanagawa
Japan 238-0316
E-mail: thorii@fra.affrc.go.jp

Naoki Iguchi (AP-CREAMS)

Japan Sea National Fisheries Research Institute, FRA
1-5939-22 Suido-cho
Niigata
Japan 951-8121
E-mail: iguchi@affrc.go.jp

Ichiro Imai (S-HAB)

Graduate School of Fisheries Sciences
Hokkaido University
3-1-1 Minato-cho
Hakodate, Hokkaido
Japan 041-8611
E-mail: imai1ro@fish.hokudai.ac.jp

Haruto Ishii (WG 26)

Tokyo University of Marine Science and Technology
Kounan 4-5-7
Minato-ku, Tokyo
Japan 108-8477
E-mail: un8s-isi@asahi-net.or.jp

Masao Ishii (S-CC)

Geochemical Research Department
Meteorological Research Institute
1-1 Nagamine
Tsukuba, Ibaraki
Japan 305-0052
E-mail: mishii@mri-jma.go.jp

Membership-2011

Akira Ishikawa (S-HAB)

Graduate School of Bioresources
Mie University
1577 Kurimamachiya
Tsu-city
Japan 514-8507
E-mail: ishikawa@bio.mie-u.ac.jp

Joji Ishizaka (AP-CREAMS)

AP-CREAMS Co-Chairman
Nagoya University
Hydrospheric Atmospheric Research Center (HyARC)
Furo-cho, Chikusa-ku
Nagoya, Aichi
Japan 464-8601
E-mail: jishizak@hyarc.nagoya-u.ac.jp

Shigeru Itakura (MEQ, S-HAB, WG 28, SG-MP)

Resources Enhancement Promotion Department
Fisheries Agency
1-2-1 Kasumigaseki
Chiyoda-ku, Tokyo
Japan 100-8907
E-mail: itakura@affrc.go.jp

Shin-ichi Ito (POC, WG 27, WG 29, S-CCME, AP-SOFE, WG-FCCIFS)

Tohoku National Fisheries Research Institute, FRA
3-27-5 Shinhamachi
Shiogama, Miyagi
Japan 985-0001
E-mail: goito@affrc.go.jp

Sachihiko Itoh (WG 28)

Atmosphere and Ocean Research Institute
University of Tokyo
5-1-5 Kashiwanoha
Kashiwa, Chiba
Japan 277-8564
E-mail: itohsach@aori.u-tokyo.ac.jp

Masahide Kaeriyama (AP-AICE)

Graduate School of Fisheries Sciences
Hokkaido University
3-1-1 Minato-cho
Hakodate, Hokkaido
Japan 041-8611
E-mail: salmon@fish.hokudai.ac.jp

Hidehiro Kato (AP-MBM)

Lab. of Cetaceans and Marine Mammals
Faculty of Marine Science
Tokyo University of Marine Science and Technology
4-5-7 Konan, Minato-ku
Tokyo
Japan 108-8477
E-mail: katohide@kaiyodai.ac.jp

Hiroshi Kawai (WG 21)

Research Center for Inland Seas
Kobe University
1-1 Rokkodai, Nada-ku
Kobe, Hyogo
Japan 657-8501
E-mail: kawai@kobe-u.ac.jp

Michio J. Kishi (WG 23)

Graduate School of Environmental Science
Hokkaido University
N10W5 Kita-ku
Sapporo, Hokkaido
Japan 060-0810
E-mail: mjkish@nifty.com

Kunio Kohata (MEQ)

Water and Soil Environment Division
National Institute for Environmental Studies (NIES)
16-2 Onogawa
Tsukuba, Ibaraki
Japan 305-8506
E-mail: kohata@nies.go.jp

Takeo Kurihara (WG 21)

Ariake Yatsuchiro Center
Seikai National Fisheries Research Institute, FRA
1551-8 Taira-machi
Nagasaki, Nagasaki
Japan 851-2213
E-mail: takeo@affrc.go.jp

Mitsutaku Makino (SB, MEQ, S-HD, SG-HD). MEQ Vice-Chairman, S-HD Co-Chairman

Fisheries Research Agency
2-12-4 Fukuura, Kanazawa-ku
Yokohama, Kanagawa
Japan 236-8648
E-mail: mmakino@affrc.go.jp

Shoshiro Minobe (WG 27)

WG 27 Co-Chairman
Natural History Sciences, Graduate School of Sciences
Hokkaido University
N10W8 Rigaku-8-goukan 3F
Sapporo, Hokkaido
Japan 060-0810
E-mail: minobe@mail.sci.hokudai.ac.jp

Takashi Mochizuki (WG 27)

Research Institute for Global Change
Japan Agency for Marine-Earth Science and Technology
(JAMSTEC)
3173-25 Showa-machi, Kanazawa-ku
Yokohama, Kanagawa
Japan 236-0001
E-mail: motizuki@jamstec.go.jp

Akihiko Murata (S-CC)

IORGC
Japan Agency for Marine-Earth Science and Technology
(JAMSTEC)
2-15 Natsushima-cho
Yokosuka, Kanagawa
Japan 237-0061
E-mail: murataa@jamstec.go.jp

Satoshi Nagai (S-HAB)

National Research Institute of Fisheries Science
Research Center for Aquatic Genomics
2-12-4 Fukuura, Kanazawa-ku
Yokohama, Kanagawa
Japan 236-8648
E-mail: snagai@affrc.go.jp

Ichiro Nakayama (GC)

Resource Enhancement Promotion Department
Fisheries Agency Japan
1-2-1 Kasumigaseki, Chiyoda-ku
Tokyo
Japan 100-890
E-mail: nakayama@affrc.go.jp

Yuji Okazaki (WG 23)

Mixed Water Region Fisheries Oceanography Division
Tohoku National Fisheries Research Institute, FRA
3-27-5 Shinhama-cho
Shiogama, Miyagi
Japan 985-0001
E-mail: okazaki@affrc.go.jp

Tsuneo Ono (S-CC)

Subarctic Fisheries Oceanography Division
Hokkaido National Fisheries Research Institute, FRA
116 Katsurakoi
Kushiro, Hokkaido
Japan 085-0802
E-mail: tonofra@affrc.go.jp

Toshiro Saino (S-CC)

S-CC Co-Chairman
RIGC, JAMSTEC
Environmental Biogeochemical Cycle Research Program
2-15 Natsushima-cho
Yokosuka, Kanagawa
Japan 237-0061
E-mail: tsaino@jamstec.go.jp

Hiroaki Saito (SB, BIO, AP-COVE, SG-SP)

AP-COVE Chairman
Biological Oceanography Section
Tohoku National Fisheries Research Institute, FRA
3-27-5 Shinhama-cho
Shiogama, Miyagi
Japan 985-0001
E-mail: hsaito@affrc.go.jp

Sei-Ichi Saitoh (MONITOR)

Graduate School of Fisheries Sciences
Hokkaido University
3-1-1 Minato-cho
Hakodate, Hokkaido
Japan 041-8611
E-mail: ssaitoh@salmon.fish.hokudai.ac.jp

Hiroyuki Shimada (F&A)

Fishery Agency
Resources Enhancement Promotion Department
1-2-1 Kasumigaseki, Chiyoda-ku
Tokyo
Japan 100-8907
E-mail: shimada@affrc.go.jp

Takashige Sugimoto (AP-CPR)

School of Marine Science and Technology
Tokai University
3-20-1 Orido, Shimizu-ku
Shizuoka, Shizuoka Prefecture
Japan 424-8610
E-mail: sugimoto@scc.u-tokai.ac.jp

Hiroya Sugisaki (SB, MONITOR)

MONITOR Chairman
National Research Institute of Fisheries Science, FRA
2-12-4 Fukuura, Kanazawa-ku
Yokohama, Kanagawa
Japan 236-8648
E-mail: sugisaki@affrc.go.jp

Toru Suzuki (SB, TCODE, S-CC, AP-COVE)

Marine Information Research Center (MIRC)
Japan Hydrographic Association
6F Daiichi Sogo Bldg., 1-6-6 Hanedakuko, Ota-ku
Tokyo
Japan 144-0041
E-mail: suzuki@mirc.jha.jp

Bunmei Taguchi (WG 27)

Earth Simulator Center
Japan Agency for Marine-Earth Science and Technology
(JAMSTEC)
3173-25 Showa-machi, Kanazawa-ku
Yokohama, Kanagawa
Japan 236-0001
E-mail: bunmei@jamstec.go.jp

Motomitu Takahashi (WG 28, S-CCME)

WG 28 Co-Chairman
Seikai National Fisheries Research Institute, FRA
1551-8 Taira-machi
Nagasaki
Japan 851-2213
E-mail: takahamt@fra.affrc.go.jp

Membership-2011

Yoshiaki Takahashi (GC)

Ministry of Foreign Affairs of Japan
International Science Cooperation Division
Foreign Policy Bureau
2-2-1, Kasumigaseki, Chiyoda-ku
Tokyo
Japan 100-8919
E-mail: yoshiaki.takahashi@mofa.go.jp

Kenji Taki (WG 23)

Oceanic Resources Division
National Research Institute of Far Seas Fisheries, FRA
2-12-4, Fukuura, Kanazawa
Yokohama, Kanagawa
Japan 236-8648
E-mail: takisan@affrc.go.jp

Atsushi Tsuda (SB, BIO)

BIO Committee Chairman

Atmosphere and Ocean Research Institute
University of Tokyo
5-1-5 Kashiwanoha
Kashiwa, Chiba
Japan 277-8564
E-mail: tsuda@aori.u-tokyo.ac.jp

Shin-ichi Uye (WG 26)

WG 26 Co-Chairman

Graduate School of Biosphere Science
Hiroshima University
4-4 Kagamiyama 1 Chome
Higashi-Hiroshima, Hiroshima
Japan 739-8528
E-mail: suye@hiroshima-u.ac.jp

Tokio Wada (GC, SG-USP)

Research Management Department
Fisheries Research Agency
Queen's Tower B 15F, 2-3-3 Minato Mirai
Yokohama, Nishi-ku
Japan 220-6115
E-mail: wadat@affrc.go.jp

Tomowo Watanabe (TCODE)

National Research Institute of Fisheries Science, FRA
2-12-4 Fukuura, Kanazawa-ku
Yokohama, Kanagawa
Japan 236-8648
E-mail: wattom@affrc.go.jp

Yutaka Watanabe (S-CC)

Faculty of Earth Environmental Science
Hokkaido University
N10W5, Kita-ku
Sapporo, Hokkaido
Japan 060-0810
E-mail: yywata@ees.hokudai.ac.jp

Yutaka Watanuki (AP-MBM)

Graduate School of Fisheries Sciences
Hokkaido University
3-1-1 Minato-cho
Hakodate, Hokkaido
Japan 040-8611
E-mail: ywata@fish.hokudai.ac.jp

Atsushi Yamaguchi (BIO)

Marine Biology Lab. (Plankton)
Hokkaido University
3-1-1 Minato-cho
Hakodate, Hokkaido
Japan 041-8611
E-mail: a-yama@fish.hokudai.ac.jp

Tamiji Yamamoto (WG 24)

Graduate School of Biosphere Science
Hiroshima University
1-4-4 Kagamiyama
Higashi-Hiroshima, Hiroshima
Japan 739-8528
E-mail: tamyama@hiroshima-u.ac.jp

Yasuhiro Yamanaka (WG-FCCIFS)

Faculty of Environmental Earth Science
Hokkaido University
N10W5 Kita-ku
Sapporo, Hokkaido
Japan 060-0810
E-mail: galapen@ees.hokudai.ac.jp

Ichiro Yasuda (POC)

Ocean Research Institute
University of Tokyo
1-15-1 Minamidai, Nakano-ku
Tokyo
Japan 164-8639
E-mail: ichiro@ori.u-tokyo.ac.jp

Akihiko Yatsu (FIS, WG-FCCIFS)

Seikai National Fisheries Research Institute, FRA
1551-8 Taira-machi
Nagasaki
Japan 851-2213
E-mail: yatsua@fra.affrc.go.jp

Hisashi Yokoyama (WG 21)

National Research Institute of Aquaculture, FRA
422-1 Nakatsuhama-ura Minami-Ise
Watarai-gun Mie
Japan 516-0193
E-mail: hyoko@fra.affrc.go.jp

Naoki Yoshie (WG 28)

Center for Marine Environmental Studies
Ehime University
2-5 Bunkyo-cho
Matsuyama, Ehime
Japan 790-8577
E-mail: yoshie.naoki.mm@ehime-u.ac.jp

Korea, Republic of

Soon-Il An (WG 27)

Department of Atmospheric Sciences
Yonsei University
50 Yonsei-ro, Seodaemun-gu
Seoul
Republic of Korea 120-749
E-mail: sian@yonsei.ac.kr

Jin-Ho Chae (WG 21)

Korea Environmental Research Center for Hydrosphere
(KEtCH)
634-1 Yi-dong, Sangrok-gu
Ansan, Gyeonggi-do
Republic of Korea 426-857
E-mail: jinhochae@gmail.com

Kyung-Il Chang (SB, POC, WG 29, AP-CREAMS)

POC Committee Chairman

School of Earth and Environmental Sciences
Seoul National University
San 56-1 Shillim-dong, Kwanaka-ku
Seoul
Republic of Korea 151-742
E-mail: kichang@snu.ac.kr

Kwang-Sik Choi (WG 24)

School of Applied Marine Science
Cheju National University
66 Jejudaehakno
Jeju
Republic of Korea 690-756
E-mail: skchoi@cheju.ac.kr

Sang-Hwa Choi (TCODE)

Ocean Data and Information Division
Korea Ocean R&D Institute (KORDI)
1270 Sa-dong
Ansan, Gyeonggi-do
Republic of Korea 426-170
E-mail: choish@kordi.re.kr

Ik-Kyo Chung (MEQ, WG 28)

Earth Environmental System Division
Pusan National University
San 30, Jangjun-dong, Geumjung-gu
Busan
Republic of Korea 609-735
E-mail: ikchung@pusan.ac.kr

Changhoon Han (WG 26)

National Fisheries Research and Development Institute
(NFRDI), MIFAFF
152-1 Haean-ro, Gijang-eup, Gijang-gun
Busan
Republic of Korea 619-705
E-mail: chhan@nfrdi.go.kr

Sang Hee Hong (SG-MP)

Korea Institute of Ocean Science and Technology (KIOST)
Jangmok-myon 391
Geoje-Shi
Republic of Korea 656-834
E-mail: shhong@kiost.ac

Chan Joo Jang (POC, WG 27, WG 29)

Climate Change and Coastal Disaster Research Department
Korea Ocean R&D Institute (KORDI)
787 Haean-ro, Sangrok-gu
Ansan, Gyeonggi-do
Republic of Korea 426-744
E-mail: cjjang@kordi.re.kr

Hee-Dong Jeong (POC)

Marine Environment Research Team
South Sea Fisheries Research Institute, NFRDI, MIFAFF
347 Anpo-ri, Hwayang-myeon
Yeosu, Cheolanam-do
Republic of Korea 556-823
E-mail: hdjeong@nfrdi.go.kr

Se-Jong Ju (BIO, WG 23).

Deep-Sea and Seabed Resources Research Division
Korea Institute of Ocean Science and Technology (KIOST)
787 Haean-ro, Sangrok-gu
Ansan, Gyeonggi-do
Republic of Korea 425-600
E-mail: sjju@kiost.ac

Kyu-Kui Jung (TCODE)

South Sea Fisheries Research Institute
National Fisheries R&D Institute, MIFAFF
347 Anpo-ri, Hwayang-myeon
Yeosu, Jeollanam-do
Republic of Korea 556-823
E-mail: kkjung@nfrdi.go.kr

Sukgeun Jung (FIS, S-CCME)

Fisheries Resources Research Team
National Fisheries R&D Institute (NFRDI)
408-1 Shirang-ri, Kijang-up, Kijang-gun
Busan
Republic of Korea 619-705
E-mail: sukgeun.jung@gmail.com

Dong-Jin Kang (S-CC)

Korea Ocean Research and Development Institute
(KORDI)
1270 Sa2-dong
Ansan
Republic of Korea 426-744
E-mail: djocean@kordi.re.kr

Membership-2011

Hyung-Ku Kang (BIO, AP-CPR, WG 23)

Marine Living Resources Research Department
Korea Ocean R&D Institute (KORDI)
P.O. Box 29
Seoul
Republic of Korea 425-600
E-mail: kanghk@kordi.re.kr

Jung-Hoon Kang (WG 21, AP-COVE)

South Sea Environment Research Department
South Sea Institute/Korea Ocean R&D Institute (KORDI)
391 Jangmok-ri Jangmok-myon
Kyungnam, Kyungsangnam
Republic of Korea 656-830
E-mail: jhkang@kordi.re.kr

Sukyung Kang (S-CCME, WG-FCCIFS)

Fisheries Resources Research
National Fisheries Research and Development Institute
(NFRDI), MIFAFF
152-1 Haean-ro, Gijang-eup, Gijang-gun
Busan
Republic of Korea 619-705
E-mail: kangsk@nfrdi.go.kr

Yong-Suk Kang (GC, F&A)

Director, Marine Development for New Growth Division
Ministry of Land, Transport, and Maritime Affairs
(MLTM)
88, Gwanmun-ro Gwacheoun
Gyeonggi-do
Republic of Korea 427-712
E-mail: yskang66@korea.kr

Young-Shil Kang (BIO, WG 26, AP-AICE, AP-CREAMS, WG 23)

Marine Ecology Research Team
National Fisheries R&D Institute (NFRDI)
408-1 Shirang-ri, Kijang-up, Kijang-gun
Busan
Republic of Korea 619-705
E-mail: yskang@nfrdi.go.kr

Dohoon Kim (S-HD, SG-HD)

Management and Economic Policy
National Fisheries R&D Institute (NFRDI)
152-1 Haean-ro, Gijang-up, Gijang-gun
Busan
Republic of Korea 619705
E-mail: delaware310@nfrdi.go.kr

Hak-Gyoon Kim (S-HAB)

Department of Oceanography
Pukyong National University
Haeundae-gu
Busan
Republic of Korea 612-870
E-mail: hgkim7592@yahoo.co.kr

Jin-Yeong Kim (FIS)

Southwest Fisheries Institute
National Fisheries Research and Development Institute
(NFRDI), MIFAFF
22 Dangmeori-gil, Hwayang-myeon
Yeosu, Cheollanam-do
Republic of Korea 556-823
E-mail: jiykim@nfrdi.go.kr

Kyung-Ryul Kim (AP-CREAMS)

AP-CREAMS Co-Chairman
School of Earth and Environmental Sciences
Seoul National University
San 56-1 Shillim-dong, Kwanaka-ku
Seoul
Republic of Korea 151-747
E-mail: krkim@snu.ac.kr

Suam Kim (S-CCME, WG-FCCIFS)

S-CCME Co-Chairman
Department of Marine Biology
Pukyong National University
599-1 Daeyeon 3-dong, Nam-gu
Busan
Republic of Korea 608-737
E-mail: suamkim@pknu.ac.kr

Zang-Guen Kim (AP-MBM)

Fisheries Resources Research Team
National Fisheries R&D Institute, MIFAFF
408-1 Shirang-ri, Kijang-up, Kijang-gun
Busan
Republic of Korea 619-902
E-mail: zgkim@nfrdi.go.kr

Jaebong Lee (WG 28)

Fisheries Resources Management
National Fisheries Research and Development Institute
(NFRDI), MIFAFF
152-1 Haean-ro, Gijang-eup, Gijang-gun
Busan
Republic of Korea 619-705
E-mail: leejb@nfrdi.go.kr

Chang-Kyu Lee (MEQ, S-HAB)

S-HAB Co-Chairman
Marine Harmful Organisms Team
National Fisheries R&D Institute, MIFAFF
408-1 Shirang-ri, Kijang-up, Kijang-gun
Busan
Republic of Korea 619-902
E-mail: cklee@nfrdi.go.kr

Jae-Hak Lee (AP-CREAMS)

Marine Environment Research Department
Korea Ocean R&D Institute (KORDI)
Ansan P.O. Box 29
Seoul
Republic of Korea 426-170
E-mail: jhlee@kordi.re.kr

Kitack Lee (S-CC, WG 22)

School of Environmental Science and Engineering
Pohang University of Science and Technology
San 31, Hyoja-dong, Nam-gu
Pohang
Republic of Korea 790-784
E-mail: ktl@postech.ac.kr

Tongsup Lee (S-CC)

Department of Marine Science
Pusan National University
Changjeon-2 dong
Busan , Guemjeong-gu
Republic of Korea 609-735
E-mail: tlee@pusan.ac.kr

Hyun-Jeong Lim (WG 24)

Researching Planning Team
National Fisheries R&D Institute, MIFAFF
408-1 Shirang-ri, Gijang-eup, Gijang-gun
Busan
Republic of Korea 619-902
E-mail: hylim@nfrdi.go.kr

Hyo-Bang Moon (SG-MP)

Department of Environmental Marine Sciences
Hanyang University
55 Hanyangdaehak-ro, Sangnok-gu
Ansan , Kyeonggi-do
Republic of Korea 426-791
E-mail: hbmoon@hanyang.ac.kr

Jongoh Nam (S-HD, SG-HD)

Policy Planning Department
Planning & Coordination Division
Korea Maritime Institute
#1652, 21 floor, KBS Media Center Bldg.
Sangam-Dong, Mapo-Gu
Seoul
Republic of Korea 121-270
E-mail: namjo1234@hanmail.net

Hyun-Taik Oh (WG 24)

Marine Environmental Management Department
National Fisheries R&D Institute, MIFAFF
408-1 Shirang-ri, Gijang-eup, Gijang-gun
Busan
Republic of Korea 619-902
E-mail: ohtek@nfrdi.go.kr

Chul Park (GC, F&A)

Department of Oceanography
Chungnam National University
220 Gung-dong, Yuseong-gu
Daejeon
Republic of Korea 305-764
E-mail: chulpark@cnu.ac.kr

Kwang-Soon Park (MONITOR)

Climate Change & Coastal Disaster Research Department
Korea Ocean R&D Institute (KORDI)
1270 Sa-dong
Ansan, Kyunggi-do
Republic of Korea 425-600
E-mail: kspark@kordi.re.kr

Myoung-Ae Park (WG 24)

Pathology Division
National Fisheries R&D Institute (NFRDI)
408-1 Sirang-Ri, Gijang-Eup, Gijang-Kun
Busan
Republic of Korea 619-902
E-mail: mapark@nfrdi.go.kr

Hyunsoo Rho (S-CCME)

Korea Ocean R&D Institute (KORDI)
Dokdo Research Center, East Sea Branch
695-1, Hujeong-ri, Jukbyun, Uljin-gun
Hyeongbuk
Korea, R 767-813
E-mail: hsrho@kordi.re.kr

Young-Jae Ro (MONITOR, AP-AICE)

College of Natural Sciences
Chungnam National University
220 Gung-dong, Yuseong-gu
Daejeon
Republic of Korea 305-764
E-mail: royoungj@cnu.ac.kr

Jongseong Ryu (S-HD)

Department of Marine Biotechnology
Anyang University (Ganghwa campus)
San 102, Samseong-ri, Bureun-myeon, Ganghwa-gun
Incheon
Republic of Korea 417-833
E-mail: jsryu@anyang.ac.kr

Woon-Joon Shim (MEQ, SG-MP)

Korea Polar Research Institute, KORDI
South Sea Research Institute
391 Jangmok-myon
Geoje-shi
Republic of Korea 656-834
E-mail: wjshim@kordi.re.kr

Hyoung-Chul Shin (WG 23)

Korea Polar Research Institute, KORDI
Songdo Techno-Park, 7-50 Songdo-Dong, Yeonsu-gu
Incheon
Republic of Korea 406-840
E-mail: hcshin@kopri.re.kr

Membership-2011

Kyoung-Soon Shin (WG 21, WG 26)

Southern Coastal Environment
Korea Ocean R&D Institute (KORDI)
391 Jangmok-ri Jangmok-myon
Geoje, Kyungsangnam
Republic of Korea 656-830
E-mail: ksshin@kordi.re.kr

Young-Sang Suh (MONITOR)

Ocean and Marine Environment Department
National Fisheries R&D Institute, MIFAFF
408-1 Shirang-ri, Kijang-up, Kijang-gun
Busan
Republic of Korea 619-900
E-mail: yssuh@nfrdi.go.kr

Sang-Wook Yeh (WG 27)

Environmental Marine Science
Hanyang University
1271 Sa3-dong, Sangrok-gu
Ansan
Republic of Korea 426-791
E-mail: swyeh@hanyang.ac.kr

Sinjae Yoo (SB, SG-SP, SG-USP)

Science Board Chairman
Marine Living Resources Division
Korea Ocean R&D Institute (KORDI)
1270 Sa-dong
Ansan, Gyeonggi-do
Republic of Korea 426-170
E-mail: sjyoo@kordi.re.kr

Won-Duk Yoon (WG 26)

WG 26 Co-Chairman
Ocean Science Team
National Fisheries R&D Institute, MIFAFF
408-1 Shirang-ri, Kijang-up, Kijang-gun
Busan
Republic of Korea 619-705
E-mail: wdyoon@nfrdi.go.kr

Chang-Ik Zhang (FIS, WG 28, AP-SOFE)

Marine Production Management
Pukyong National University
599-1 Daeyeon 3-dong, Nam-gu
Busan
Republic of Korea 608-737
E-mail: cizhang@pknu.ac.kr

PICES Secretariat

Alexander Bychkov (Secretariat, SG-USP)

Executive Secretary
PICES Secretariat
P.O. Box 6000
Sidney, BC
Canada V8L 4B2
E-mail: bychkov@pices.int

Skip McKinnell (Secretariat, SG-SP, SG-USP)

Deputy Executive Secretary
PICES Secretariat
P.O. Box 6000
Sidney, BC
Canada V8L 4B2
E-mail: mckinnell@pices.int

Russia

Andrey G. Andreev (S-CC)

V.I. Il'ichev Pacific Oceanological Institute (POI)
FEB RAS
43 Baltiyskaya St.
Vladivostok, Primorsky Krai
Russia 690041
E-mail: andreev@poi.dvo.ru

Elena N. Anferova (S-HD)

Department of Math. Methods in Economy
Far Eastern Federal University (FEFU)
Off. 344,352, 27 Oktyabrskaya St.
Vladivostok, Primorsky Krai
Russia 690950
E-mail: anferova@mail.ru

Evgenyi I. Barabanshchikov (WG 21)

WG 21 Co-Chairman
Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Krai
Russia 690950
E-mail: barabanshchikov@tinro.ru

Tatyana A. Belan (MEQ)

Oceanography and Marine Ecology
Far Eastern Regional Hydrometeorological Research
Institute (FERHRI)
24 Fontannaya St.
Vladivostok, Primorsky Krai
Russia 690091
E-mail: Tbelan@ferhri.ru

Lev N. Bocharov (GC)

PICES Vice-Chairman

Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Kray
Russia 690091
E-mail: bocharov@tinro.ru

Alexander I. Boltnev (AP-MBM)

Sakhalin Research Institute of Fisheries and Oceanography
(SakhNIRO)
196 Komsomolskaya St.
Yuzhno-Sakhalinsk
Russia 693023
E-mail: vlad@sakhniro.ru

Natalia T. Dolganova (WG 23)

Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Kray
Russia 690950
E-mail: dolganova@tinro.ru

Elena P. Dulepova (FIS, WG 26)

Laboratory of Applied Bioecology
Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Kray
Russia 690950
E-mail: dep@tinro.ru

Galina Gavrilova (WG 24)

Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Kray
Russia 690950
E-mail: gavrilova@tinro.ru

Alexander I. Glubokov (FIS)

Russian Federal Research Institute of Fisheries and
Oceanography (VNIRO)
17 V. Krasnoselskaya St.
Moscow
Russia 107140
E-mail: glubokov@vniro.ru

Ekaterina V. Golovashchenko (S-HD)

Economic
Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Kray
Russia 690091
E-mail: golovashchenko@mail.ru

Oleg N. Katugin (AP-SOFE)

Fisheries Resources of the Far Eastern Seas
Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Kray
Russia 690950
E-mail: katugin@tinro.ru

Nikolai V. Kolpakov (WG 21)

Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Kray
Russia 690950
E-mail: kolpakov@tinro.ru

Boris N. Kotenev (BIO)

Russian Federal Research Institute of Fisheries and
Oceanography (VNIRO)
17 V. Krasnoselskaya Street
Moscow
Russia 107140
E-mail: orgotdel@vniro.ru

Vladimir V. Kulik (MONITOR, WG 28)

Laboratory of Applied Biocenology
Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Kray
Russia 690950
E-mail: kulik@tinro.ru

Ekaterina Kurilova (S-HD)

Khabarovsk Branch of TINRO-Center
13-A Amursky Blvd.
Khabarovsk
Russia 680028
E-mail: katy_k07@mail.ru

**Vyacheslav B. Lobanov (POC, MONITOR, AP-
CREAMS, AP-COVE)**

AP-CREAMS Co-Chairman
V.I. Il'ichev Pacific Oceanological Institute (POI)
FEB RAS
43 Baltiyskaya St.
Vladivostok, Primorsky Kray
Russia 690041
E-mail: lobanov@poi.dvo.ru

**Olga N. Lukyanova (MEQ, S-HAB, WG 28, S-HD, SG-
MP, SG-HD)**

Lab. of Applied Ecology and Ecotoxicology
Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Kray
Russia 690950
E-mail: onlukyanova@tinro.ru

Membership-2011

Anastasia A. Mednikova (SG-HD)

Khabarovsk branch Pacific Research Institute of Fisheries and Oceanography (TINRO-Center)
13-A, Amursky Blvd.,
Khabarovsk,
Russia 680000
E-mail: khv_tinro@mail.ru

Georgiy S. Moiseenko (TCODE)

Satellite Monitoring Systems Lab.
Russian Federal Research Institute of Fisheries and Oceanography (VNIRO)
17 V. Krasnoselskaya St.
Moscow
Russia 107140
E-mail: georgem@vniro.ru

Tatiana V. Morozova (S-HAB)

A.V. Zhirmunsky Institute of Marine Biology, FEB RAS
17 Palchevskogo St.
Vladivostok, Primorsky Krai
Russia 690041
E-mail: tatiana_morozova@mail.ru

Vladimir G. Myasnikov (AP-MBM)

Marine Mammal Lab.
Pacific Research Institute of Fisheries and Oceanography (TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Krai
Russia 690950
E-mail: myasnikov@tinro.ru

Alexei M. Orlov (BIO)

International Fisheries Cooperation
Russian Federal Research Institute of Fisheries and Oceanography (VNIRO)
17 V. Krasnoselskaya St.
Moscow
Russia 107140
E-mail: orlov@vniro.ru

Tatiana Yu. Orlova (S-HAB)

Department of Hydrobiology
A.V. Zhirmunsky Institute of Marine Biology, FEB RAS
17 Palchevskogo St.
Vladivostok, Primorsky Krai
Russia 690041
E-mail: torlova@whoi.edu

Tatyana Pavlova (WG 27)

Voeikov Main Geophysical Observatory
7 Karbyshev St.
Saint Petersburg
Russia 194021
E-mail: t-v-pavlova@mail.ru

Vasily Radashevsky (WG 21)

WG 21 Co-Chairman

A.V. Zhirmunsky Institute of Marine Biology, FEB RAS
17 Palchevskogo St.
Vladivostok, Primorsky Krai
Russia 690041
E-mail: radashevsky@mail.ru

Vladimir I. Radchenko (GC, BIO, AP-CPR, SG-USP, WG-FCCIFS)

Sakhalin Research Institute of Fisheries and Oceanography (SakhNIRO)
196 Komsomolskaya St.
Yuzhno-Sakhalinsk, Sakhalin
Russia 693023
E-mail: vlad@sakhniro.ru

Igor I. Shevchenko (F&A, SB, TCODE, AP-AICE)

Department of Information Technology
Pacific Research Institute of Fisheries and Oceanography (TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Krai
Russia 690950
E-mail: igor@tinro.ru

Vjatcheslav P. Shuntov (AP-MBM)

Pacific Research Institute of Fisheries and Oceanography (TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Krai
Russia 690950
E-mail: interdept@tinro.ru

Mikhail Simokon (S-HAB, SG-MP)

Pacific Research Institute of Fisheries and Oceanography (TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Krai
Russia 690950
E-mail: scheglov@tinro.ru

Mikhail Stepanenko (FIS)

FIS Chairman

Pacific Research Institute of Fisheries and Oceanography (TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Krai
Russia 690950
E-mail: stepanenko@tinro.ru

Igor Sukhin (WG 24)

Pacific Research Institute of Fisheries and Oceanography (TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Krai
Russia 690950
E-mail: suhin@tinro.ru

Valeria E. Terekhova (WG 24)
Hydrobiology Department
Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Krai
Russia 690950
E-mail: allexxus@yandex.ru

Pavel Ya. Tishchenko (S-CC, AP-CREAMS)
Hydrochemistry Laboratory
V.I. Il'ichev Pacific Oceanological Institute, FEB RAS
43 Baltiyskaya St.
Vladivostok, Primorsky Krai
Russia 690041
E-mail: tpavel@poi.dvo.ru

Elena I. Ustinova (POC, WG 27)
Laboratory of Fisheries Oceanography
Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Krai
Russia 690950
E-mail: eustinova@mail.ru

Anatoly F. Volkov (WG 23, AP-CPR)
Laboratory Hydrobiology
Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Krai
Russia 690950
E-mail: volkov413@yandex.ru

Alexander V. Zavolokin (WG 26)
Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok
Russia 690091
E-mail: zavolokin@tinro.ru

Yury I. Zuenko (POC, WG 27, S-CCME, AP-CREAMS, WG-FCCIFS)
Japan Sea and North-West Pacific Oceanography
Pacific Research Institute of Fisheries and Oceanography
(TINRO-Center)
4 Shevchenko Alley
Vladivostok, Primorsky Krai
Russia 690950
E-mail: zuenko_yury@hotmail.com

USA

Vera Alexander (SG-USP)
PICES Past Chairman
School of Fisheries and Ocean Sciences
University of Alaska Fairbanks
P.O. Box 757220
Fairbanks, AK
USA 99775-7220
E-mail: vera@sfos.uaf.edu

Joel Baker (SG-MP)
Center for Urban Waters
University of Washington
326 East D St.
Tacoma, WA
USA 98421
E-mail: jebaker@uw.edu

Jack A. Barth (MONITOR)
College of Oceanic and Atmospheric Sciences
Oregon State University
104 COAS Admin. Bldg.
Corvallis, OR
USA 97331-5503
E-mail: barth@coas.oregonstate.edu

Harold (Hal) P. Batchelder (AP-SOFE)
College of Oceanic and Atmospheric Sciences
Oregon State University
104 COAS Admin. Bldg.
Corvallis, OR
U.S.A 97331-5503
E-mail: hbatchelder@coas.oregonstate.edu

George W. Boehlert (GC)
Hatfield Marine Science Center
Oregon State University
2030 SE Marine Science Dr.
Newport, OR
USA 97365-5296
E-mail: george.boehlert@oregonstate.edu

Steven J. Bograd (POC, WG 27, AP-AICE)
Environmental Research Div.
Southwest Fisheries Science Center, NMFS, NOAA
1352 Lighthouse Ave.
Pacific Grove, CA
USA 93950
E-mail: steven.bograd@noaa.gov

Membership-2011

Richard D. Brodeur (WG 26)

WG 26 Co-Chairman

Fish Ecology, HMSC
National Marine Fisheries Service, NOAA
2030 SE Marine Science Dr.
Newport, OR
USA 97365
E-mail: Rick.Brodeur@noaa.gov

David M. Checkley (AP-CREAMS)

Scripps Institution of Oceanography
University of California, San Diego
9500 Gilman Dr.
La Jolla, CA
USA 92093-0218
E-mail: dcheckley@ucsd.edu

Kristin Ciciel (WG 26)

Auke Bay Laboratories
Alaska Fisheries Science Center, NMFS, NOAA
17109 Pt. Lena Loop Rd.
Juneau, AK
USA 99801
E-mail: kristin.ciciel@noaa.gov

William P. Cochlan (S-HAB)

Romberg Tiburon Center for Environmental Studies
San Francisco State University
3152 Paradise Dr.
Tiburon, CA
USA 94920-1205
E-mail: cochlan@sfsu.edu

Keith R. Criddle (S-HD, SG-HD)

S-HD Co-Chairman

Fisheries Academic Program
University of Alaska, Fairbanks
17101 Point Lena Loop Rd.
Juneau, AK
USA 99801
E-mail: kcriddle@sfos.uaf.edu

Enrique N. Curchitser (POC, WG 27)

Institute for Marine and Coastal Sciences
Rutgers University
71 Dudley Rd.
New Brunswick, NJ
USA 08901
E-mail: enrique@marine.rutgers.edu

Michael J. Dagg (BIO, WG 23)

BIO Committee Vice-Chairman

Louisiana Universities Marine Consortium
8124 Hwy 56
Chauvin, LA
USA 70344
E-mail: mdagg@lumcon.edu

Lynn M. deWitt (TCODE).

Environmental Research Division
Southwest Fisheries Science Center, NMFS, NOAA
1352 Lighthouse Ave.
Pacific Grove, CA
USA 93950
E-mail: Lynn.Dewitt@noaa.gov

Emanuele Di Lorenzo (WG 27, AP-COVE)

WG 27 Co-Chairman

School of Earth and Atmospheric Sciences
Georgia Institute of Technology
311 Ferst Dr.
Atlanta, GA
U.S.A 30332
E-mail: edl@gatech.edu

Andrew G. Dickson (S-CC)

Scripps Institution of Oceanography, UCSD
9500 Gilman Dr.
La Jolla, CA
USA 92093-0244
E-mail: adickson@ucsd.edu

Brett Dumbauld (WG 24)

US Dept. of Agriculture, Agricultural Research Service
(USDA/ARS)
Forage Seed and Cereal Research Unit
2030 SE Marine Science Dr.
Newport, OR
USA 97365
E-mail: brett.dumbauld@ars.usda.gov

Richard A. Feely (S-CC)

Ocean Climate Research Div., NOAA/PMEL
Pacific Marine Environmental Laboratory/NOAA
7600 Sand Point Way NE
Seattle, WA
USA 98115
E-mail: Richard.A.Feely@noaa.gov

Blake E. Feist (WG 21)

Fish Ecology Division
Northwest Fisheries Science Center, NMFS, NOAA
2725 Montlake Blvd. E
Seattle, WA
U.S.A 98112
E-mail: Blake.Feist@noaa.gov

Ron Felthoven (S-HD)

Alaska Fisheries Science Center
NOAA Fisheries
7600 Sand Point Way NE
Seattle, WA
U.S.A. 98115-6349
E-mail: ron.felthoven@noaa.gov

John C. Field (FIS, WG 26)

Fisheries Ecology Division
Southwest Fisheries Science Center, NMFS, NOAA
110 Shaffer Rd.
Santa Cruz, CA
USA 95060
E-mail: John.Field@noaa.gov

David Lincoln Fluharty (SG-HD)

School of Marine Affairs
University of Washington
3707 Brooklyn Ave. NE
Seattle, WA
USA 98105
E-mail: fluharty@u.washington.edu

Lori Gustafson (WG 24)

US Department of Agriculture
Animal and Plant Health Inspection Service
(USDA/APHIS)
National Surveillance Unit
2150 Centre Ave., Bldg. B, Mail Stop 2E6
Fort Collins, CO
USA 80526-8117
E-mail: Lori.L.Gustafson@aphis.usda.gov

Hernan Eduardo Garcia (TCODE, S-CC)

TCODE Vice-Chairman
Ocean Climate Lab.
NOAA-NODC
1315 East West Hwy, SSMC-III, E/OC5, Room 4230
Silver Spring, MD
USA 20910-3282
E-mail: Hernan.Garcia@noaa.gov

Burke Hales (S-CC)

College of Earth Ocean and Atmospheric Sciences (COAS)
Oregon State University
104 Ocean Administration Bldg.
Corvallis, OR
USA 97331
E-mail: bhales@coas.oregonstate.edu

Paul Heimowitz (WG 21)

U.S. Fish and Wildlife Service, Region 1
911 NE 11th Ave.
Portland, OR
USA 97232-4181
E-mail: paul_heimowitz@fws.gov

Anne B. Hollowed (WG-FCCIFS)

WG 25 Co-Chairman
Alaska Fisheries Science Center, NMFS, NOAA
7600 Sand Point Way NE
Seattle, WA
USA 98115-6349
E-mail: Anne.Hollowed@noaa.gov

Takamitsu Ito (WG 27)

School of Earth and Atmospheric Sciences
Georgia Institute of Technology
311 Ferst Dr
Atlanta, GA
USA 30332
E-mail: taka.ito@eas.gatech.edu

J. Anthony (Tony) Koslow (TCODE)

California Cooperative Oceanic Fisheries Investigations
Scripps Institution of Oceanography, UCSD
9500 Gilman Dr.
La Jolla, CA
USA 92093-0218
E-mail: tkoslow@ucsd.edu

Alexander Kozyr (S-CC)

Carbon Dioxide Information Analysis Center (CDIAC)
Environmental Science Division
Oak Ridge National Laboratory
U.S. Department of Energy
Bldg. 1509, MS 6335
Oak Ridge, TN
USA 37831-6335
E-mail: kozyra@ornl.gov

Gordon H. Kruse (FIS)

FIS Vice-Chairman
School of Fisheries and Ocean Sciences
University of Alaska Fairbanks
17109 Pt. Lena Loop Rd.
Juneau, AK
USA 99801
E-mail: Gordon.Kruse@alaska.edu

Henry Lee II (WG 21)

Pacific Coastal Ecology Branch
U.S. EPA
2111 SE Marine Science Dr.
Newport, OR
USA 97365
E-mail: lee.henry@epa.gov

Patricia Livingston (F&A)

F&A Chairman
Alaska Fisheries Science Center, NMFS, NOAA
7600 Sand Point Way NE
Seattle, WA
USA 98115-6349
E-mail: Pat.Livingston@noaa.gov

Elizabeth A. Logerwell (SB, FIS)

Resource Ecology and Fishery Management
Alaska Fisheries Science Center, NMFS, NOAA
P.O. Box 15700 F/AKC2
Seattle, WA
USA 98115
E-mail: Libby.Logerwell@noaa.gov

Membership-2011

Franz J. Mueter (S-CCME, WG-FCCIFS)

School of Fisheries and Ocean Sciences, Juneau Center
University of Alaska Fairbanks
17109 Pt. Lena Loop Rd.
Juneau, AK
USA 99801
E-mail: fmueter@alaska.edu

Phillip R. Mundy (MONITOR, AP-CPR, AP-SOFE) MONITOR Vice-Chairman, AP-CPR Chairman

Auke Bay Laboratories/TSMRI
Alaska Fisheries Science Center, NMFS, NOAA
17109 Point Lena Loop Rd.
Juneau, AK
USA 99801
E-mail: Phil.mundy@noaa.gov

Jeffrey M. Napp (MONITOR, AP-CPR)

Alaska Fisheries Science Center, NMFS, NOAA
7600 Sand Point Way NE
Seattle, WA
USA 98115-6349
E-mail: Jeff.Napp@noaa.gov

James E. Overland (POC, WG-FCCIFS)

Pacific Marine Environmental Laboratory
Alaska Fisheries Science Center, NMFS, NOAA
7600 Sand Point Way NE
Seattle, WA
USA 98115-6349
E-mail: James.E.Overland@noaa.gov

Minling Pan (S-HD)

NOAA Fisheries
Pacific Islands Fisheries Science Center, NMFS, NOAA
1601 Kapiolani Blvd., Suite 1110
Honolulu, HI
USA 96814
E-mail: Minling.Pan@noaa.gov

William T. Peterson (BIO, WG 23)

Hatfield Marine Science Center
Oregon State University
2030 SE Marine Science Dr.
Newport, OR
USA 97365
E-mail: Bill.Peterson@noaa.gov

Jeffrey J. Polovina (S-CCME)

Ecosystems and Oceanography
Pacific Islands Fisheries Science Center, NMFS, NOAA
2570 Dole St.
Honolulu, HI
USA 96822
E-mail: Jeffrey.Polovina@noaa.gov

Jennifer E. Purcell (WG 26)

Shannon Point Marine Center
Western Washington University
1900 Shannon Point Rd.
Anacortes, WA
USA 98221
E-mail: purcelj3@wwu.edu

Rolf R. Ream (AP-MBM)

National Marine Mammal Lab.
Alaska Fisheries Science Center, NMFS, NOAA
7600 Sand Point Way NE
Seattle, WA
USA 98115
E-mail: rolf.ream@noaa.gov

J.E. Jack Rensel (WG 24)

Rensel Associates Aquatic Sciences
4209 234th St. NE
Arlington, WA
USA 98223
E-mail: jackrensel@att.net

Deborah Ann Reusser (WG 21)

USGS-Western Fisheries Research Center at Marine
Hatfield Science Center
2111 SE Marine Science Dr.
Newport, OR
USA 97365
E-mail: dreusser@usgs.gov

Jill B. Rolland (WG 24)

US Dept. of Agriculture, Animal and Plant Health
Inspection Service (USDA/APHIS)
National Animal Health Programs
4700 River Rd., Unit 464B-04D
Riverdale, MD
USA 20737-1231
E-mail: Jill.B.Rolland@aphis.usda.gov

Christopher L. Sabine (S-CC)

Pacific Marine Environmental Lab.
National Oceanic and Atmospheric Administration
(NOAA)
7600 Sand Point Way NE
Seattle, WA
USA 98115-6349
E-mail: chris.sabine@noaa.gov

Jameal F. Samhouri (WG 28)

Northwest Fisheries Science Center
NOAA Fisheries
2725 Montlake Blvd. East
Seattle, WA
USA 98112
E-mail: jameal.samhouri@noaa.gov

Michael P. Seki (BIO)

Pacific Islands Fisheries Science Center, NMFS, NOAA
2570 Dole Street
Honolulu, HI
USA 96822-2396
E-mail: Michael.Seki@noaa.gov

C. Tracy Shaw (WG 23)

Cooperative Institute for Marine Resources Studies, HMSC
Oregon State University
2030 SE Marine Science Dr.
Newport, OR
USA 97365
E-mail: tracy.shaw@noaa.gov

Staci Simonich (SG-MP)

Department of Environmental and Molecular Toxicology
Oregon State University
1007 Ag and Life Science Bldg.
Corvallis, OR
USA 97331-7301
E-mail: staci.simonich@oregonstate.edu

John E. Stein (GC, F&A, SG-USP)

Northwest Fisheries Science Center, NMFS, NOAA
2725 Montlake Blvd. E
Seattle, WA
USA 98112-2097
E-mail: John.E.Stein@noaa.gov

William J. Sydeman (AP-MBM)

Farallon Institute for Advanced Ecosystem Research
P.O. Box 750756
Petaluma, CA
USA 94975
E-mail: wsydeman@comcast.net

Mark D. Sytsma (WG 21)

Environmental Science and Resources
Aquatic Bioinvasion Research and Policy Institute
Portland State University
P.O. Box 751
Portland, OR
USA 97207-0751
E-mail: sytsmam@pdx.edu

Elizabeth J. Tirpak (F&A)

OES/OA
U.S. Department of State
2201 C St. NW, HST Suite 2758
Washington, DC
USA 20520
E-mail: tirpakej@state.gov

Vera L. Trainer (S-HAB)

HAB-S Co-Chairman
Northwest Fisheries Science Center, NMFS, NOAA
2725 Montlake Blvd. E
Seattle, WA
USA 98112
E-mail: Vera.L.Trainer@noaa.gov

Mark L. Wells (S-HAB)

School of Marine Sciences
University of Maine
5741 Libby Hall
Orono, ME
USA 04469
E-mail: mlwells@maine.edu

Cisco Werner (S-CCME)

NOAA/National Marine Fisheries Service
Southwest Fisheries Science Center (SWFSC)
3333 N. Torrey Pines Court
La Jolla, CA
USA 92037
E-mail: cisco.werner@noaa.gov

Stephani G. Zador (WG 28)

Resource Ecology and Ecosystem Management
Alaska Fisheries Science Center, NMFS, NOAA
7600 Sand Point Way NE, Bldg. 4
Seattle, WA
USA 98115
E-mail: stephani.zador@noaa.gov

Ex-officio members

John A. Calder (MONITOR)

ex-officio member of MONITOR,
representing the Sustaining Arctic Observing Networks
NOAA Arctic Research
Climate Program Office, R/CPO
1100 Wayne Ave., Room 1202
Silver Spring, Maryland 20910-5603 USA
E-mail: John.Calder@noaa.gov

Chen-Tung Arthur Chen (CC-S)

ex-officio member of CC-S,
representing the International Geosphere-Biosphere
Programme (IGBP)
Institute of Marine Geology and Chemistry
National Sun Yat-sen University
Kaohsiung 80424, Taiwan, R.O.C.
E-mail: ctchen@mail.nsysu.edu.tw

Membership-2011

Takafumi Yoshida (HAB-S)

*ex-officio member representing Northwest Pacific Action Plan (NOWPAP),
representing the Northwest Pacific Action Plan (NOWPAP)
CEARAC (Special Monitoring and Coastal Environmental
Assessment Regional Activity Centre)*
5-5 Ushijima Shin-machi
Toyama
Japan 930-0856
E-mail: yoshida@npec.or.jp