

The International Symposium, Asian Collaboration in IPY 2007-2008, Tokyo

Poster Papers

No. (proc. page)	Title	Authors	Affiliations
P-1 (p62)	Publication of Polar Science and the Asian collaboration in IPY 2007-2008	<u>Kazuo Shibuya</u>	National Institute of Polar Research, Japan
P-2 (p63)	China Plan on Upper Atmospheric Physics during IPY 2007-2008	<u>Liu Yong-Hua</u> *, Yang Hui-Gen, Zhang Bei-Chen, Hu Hong-Qiao, Liu Rui-Yuan	Polar Research Institute of China, China
P-3 (p67)	Polar-Equatorial Geospace Ionospheric, Magnetic Storms and Water Vapour Characterization for the Advancement of Space Weather Prediction - A Malaysian Participation in ICESTAR Programme	<u>Norbahiah Misran</u> 1)*, Baharuddin Yatim 2), Mohd. A. M. Ali 1), Sumazly Sulaiman 3), Mardina Abdullah 1), Wayan Suparta 1), Mohamad A. H. Momani 1), Alina M. Hasbi 1), Farah H. A. Rahim 1)	1) Faculty of Engineering, Universiti Kebangsaan Malaysia, Malaysia 2) Institute of Space Science, Universiti Kebangsaan Malaysia, Malaysia 3) Faculty of Science and Technology, Universiti Malaysia Terengganu, Malaysia
P-4 (p70)	ICESTAR program in Japan during IPY2007-2008	<u>Akira Kadokura</u> 1)*, Natsuo Sato 1), Takehiko Aso 1), Hisao Yamagishi 1), Hiroshi Miyaoka 1), Makoto Taguchi 1), Masaki Tsutsumi 1), Yasunobu Ogawa 1), Akira-S. Yukimatu 1), Masaki Okada 1), Yoshihiro Tomikawa 1), Satoko Takasaki 1), Yusuke Ebihara 2), Keisuke Hosokawa 3), Kaoru Sato 4)	1) National Institute of Polar Research, Japan 2) Nagoya University, Japan 3) University of Electro-Communications, Japan 4) The University of Tokyo, Japan
P-5 (p73)	Pilot Radar System for the Program of the Antarctic Syowa MST/IS Radar (PANSY)	<u>Masaki Tsutsumi</u> 1)*, Kaoru Sato 2), Toru Sato 3) , Akinori Saito 4), Yoshihiro Tomikawa 1) , Koji Nishimura 5), Takehiko Aso 1) , Takashi Yamanouchi 1), Masaki Ejiri 1)	1) National Institute of Polar Research, Japan 2) Graduate School of Science, The University of Tokyo, Japan 3) Graduate School of Informatics, Kyoto University, Japan 4) Graduate School of Science, Kyoto University, Japan 5) Graduate School of Engineering, Kyoto University, Japan
P-6 (p75)	Japanese contribution to the magnetometer network observation in Antarctica during IPY period	<u>Hisao Yamagishi</u> , Akira Kadokura	National Institute of Polar Research, Japan

No. (proc. page)	Title	Authors	Affiliations
P-7 (p77)	Investigation of radiation climate factors and meteorological regime of West Arctic on base of measurement data on Svalbard (Barentsburg, Ny-Ålesund), Frants Josef Land (Heiss island) and Novaya Zemlia (Malue Karmakylu)	<u>Ivanov B. V.</u> 1)*, Svyaschennikov P.N. 2), Aleksandrov E.I. 1), Priamikov S.M. 1), Semenov A.V. 3), Davidov A.A. 3), Jon-Borre Orbaek 4)	1) Arctic and Antarctic Research Institute, Russia 2) Saint-Petersburg state university, Russia; 3) Murmansk Hydrometeorological Service, Murmansk, Russia; 4) Norwegian Research Council, Oslo, Norway
P-8 (p79)	Air Temperature Change in Permafrost Regions: East Siberia - Mongolia - China	<u>Maria Gavrilova</u>	Melnikov Permafrost Institute, Siberian Branch of Russian Academy of Sciences, Russia
P-9 (p81)	Intercontinental Atmospheric Transport of Anthropogenic Pollutants to the Arctic (INCATPA), Canada	<u>Hayley Hung</u> 1)*, Yi-Fan Li 1), Alexandra Steffen 1), Jianmin Ma 1), Ashu, Dastoor 1), Tom Harner 1), Ed Sverko 2)	1) Air Quality Research Division, Science and Technology Branch, Environment Canada, Canada 2) National Laboratory for Environmental Testing, National Water Research Institute, Environment Canada, Canada
P-10 (p85)	SOLAR Project: stratospheric ozone monitoring at Argentina subpolar region	E. Quel 1)*, E. Wolfram 1), J. Salvador 1), L. Otero 1,2), J. Pallotta 1,3), R. D'Elia 1), S. Godin-Beckmann 4), A. Pazmino 4), <u>H. Nakane</u> 5), M. Ono 5), A. Mizuno 6), T. Nagahama 6)	1). CEILAP (CITEFA-CONICET), Villa Martelli, Argentina 2). CONAE. Buenos Aires, Argentina. 3). Auger Observatory, Malargüe, Argentina. 4). Service d'Aéronomie, IPSL, France. 5). NIES, Tsukuba, Japan. 6). Nagoya University, Nagoya, Japan.
P-11 (p89)	Climate Change Research by Pre-college Students in the International Polar Year	<u>Elena B. Sparrow</u> 1)*, Jessica H. Robin 2), Leslie S. Gordon 3), Kim Morris 1), Martin O. Jeffries 1), Elissa R. Levine 4), Martha R. Kopplin 1), Rebecca Boger 5), David L. Verbyla 1)	1) University of Alaska Fairbanks, USA 2) Science Systems & Applications Inc., NASA Goddard Space Flight Center, Maryland, USA 3) Gordon Consulting, Neskowin, Oregon, USA 4) NASA Goddard Space Flight Center, Greenbelt, Maryland, USA 5) GLOBE Program Office, UCAR, Boulder, Colorado, USA
P-12 (p93)	International Antarctic Institute project in Hokkaido University	Takeo Hondoh 1), Shin Sugiyama 1), <u>Shigeru Aoki</u> 1)*, Masanobu Yamamoto 2), Tetsuo Sueyoshi 1), Sohey Nihashi 1), Hiromi Kimura 1)	1) Institute of Low Temperature Science, Hokkaido University, Japan 2) Faculty of Environmental Earth Science, Hokkaido University, Sapporo, Japan
P-13 (p96)	Marine geological observation during the R/V Hakuho-Maru KH07-4 cruise off Lützow-Holm Bay, Antarctic Ocean and paleoceanographic implications	<u>Minoru Ikehara</u>	Center for Advanced Marine Core Research, Kochi University, Japan

No. (proc. page)	Title	Authors	Affiliations
P-14 (p98)	IPY collaborative research cruises in Arctic Sea and Bering Sea	<u>Sei-ichi Saitoh</u> 1)*, Yasunori Sakurai 1), Kenshi Kuma 1), Toru Hirawake 1), Terry Whitledge 2)	1) Graduate School of Fisheries Sciences, Hokkaido University, Japan 2) Institute of Marine Science, University of Alaska Fairbanks, U.S.A.
P-15 (p101)	Marine Scientific Expeditions during IPY: Opportunities for Upgrading Bathymetric Maps of the Arctic and Southern Oceans	<u>Ron Macnab</u> 1)*, Martin Jakobsson 2), Norbert Ott 3), Hans Werner Schenke 3), Dmitri Travin 4)	1) Geological Survey of Canada (Retired), Dartmouth, Canada 2) Stockholm University, Stockholm, Sweden 3) Alfred Wegener Institute, Bremerhaven, Germany 4) Intergovernmental Oceanographic Commission, Paris, France
P-16 (p107)	IPY EOI No. 96: Response of Polar, Tropical and Temperate Microalgae to Global Warming and Increased UV Radiation	Phang Siew-Moi 1)* <u>Chu Wan-Loy</u> 2)	1) Institute of Biological Sciences, University of Malaya, Kuala Lumpur, Malaysia 2) International Medical University, Kuala Lumpur, Malaysia
P-17 (p109)	Response and Adaptive Strategies of Antarctic, Tropical and Temperate Microalgae to Ultraviolet Radiation Stress	<u>Chu Wan-Loy</u> 1)*, Wong Chiew-Yen 2), Harvey Marchant 3) Phang Siew-Moi 2)	1) International Medical University, Kuala Lumpur, Malaysia 2) Institute of Biological Sciences, University of Malaya, Malaysia 3) Australian Antarctic Division
P-18 (p112)	Polar Biology and Ecology Investigation Program of IPY, China	<u>Wei Luo</u> , Jianfeng He*, Huirong Li, Minghong Cai, Bo Chen	SOA Key Laboratory for Polar Science, Polar Research Institute of China, China
P-19 (p116)	Psychrophilic Enzymes from the Antarctic Isolates	<u>Rashidah A. R</u> *, Sabrina S, Ainihayati A. R, Shanmugapriya. P, Nazalan N, Razip S	School of Biological Sciences, Universiti Sains Malaysia, Penang, Malaysia
P-20 (p120)	TUNDRACYCLE - Responses of ecosystem and carbon cycle on a High Arctic Glacier Foreland in a changing climate-	Hiroshi Kanda 1), <u>Masaki Uchida</u> 1)*, Takayuki Nakatsubo 2), Hiroyuki Muraoka 3), Shinpei Yoshitake 2), Hibiki Noda 4), Masao Uchida 5), Toshiyuki Ohtsuka 6), Hiroshi Koizumi 3)	1) National Institute of Polar Research, Japan 2) Hiroshima University, Japan 3) Gifu University, Gifu, Japan 4) Tokyo University, Japan 5) Japan Agency for Marine-Earth Science and Technology, Yokosuka, Japan 6) Ibaraki University, Mito, Japan

No. (proc. page)	Title	Authors	Affiliations
P-21 (p123)	Automatic Monitoring of Penguin PoPulation (AMPPoP): Circumpolar monitoring of the biology of key-species in relation to environmental changes	<u>Yan Robert-Coudert</u> 1)*, David Ainley 2), Grant Ballard 3), Akiko Kato 1), Phil Lyver 4), Silvia Olmastroni 5), Colin Southwell 6), Akinori Takahashi 1), Phil Trathan 7), Peter Wilson 8), Yvon Le Maho 9)	1) National Institute of Polar Research, Japan 2) 1H.T. Harvey and Associates, USA 3) 4990 Shoreline Highway, Stinson Beach, USA 4) Landcare Research Ltd, Christchurch, New Zealand 5) Dipartimento di Scienze Ambientali "G. Sarfatti", Università degli Studi di Siena, Italia 6) Australian Antarctic Division, Australia 7) BioSciences Division, British Antarctic Survey, UK 8) 17 Modena Crescent, Glendowie, Auckland, New Zealand 9) Institut Pluridisciplinaire Hubert Curien, France
P-22 (p126)	New wave of Asian relationship in Antarctic medical research and medicine	<u>Giichiro Ohno</u> 1,3)*, Ichio Obinata 1), Nobuhito Shimoeda 1), Shinji Otani 1), Takahiro Miyata 1), Hisako Fujiwara 1), Haruo Mikami 1), Hideki Ohno 1), Kentaro Watanabe 2) Mitsuo Fukichi 1,2) Takatoshi Morimoto 1)	1) Japan Antarctic Medical Research Group. 2) National Institute of Polar Research, Japan 3) Yoyogi Hospital, Tokyo, Japan.
P-23 (p128)	The Commander Islands as a significant indicator of the Bering Sea ecosystem condition	<u>Vladimir F. Sevostianov</u>	President of the Commander Islands & BC Nature Protection and Conservation Association, Canada
P-24 (p132)	A science plan for IPY: The Arctic Hydrological Cycle Monitoring, Modelling and Assessment Program	Tetsuo Ohata, <u>Kazuyoshi Suzuki</u> *	Institute of Observational Research for Global Change, JAMSTEC, Japan
P-25 (p133)	The Japanese Swedish Antarctic Expedition 2007/08	<u>Shuji Fujita</u> 1*), Per Holmlund 2), Kumiko Azuma 1), Masanori Chiba 1), Hiroyuki Enomoto 3), Yoshiyuki Fujii 1), Koji Fujita 4), Kotaro Fukui 1), Margaretta Hanson 2), Keiichoro Hara 5), Ulf Hedman 6), Yoshinori Iizuka 7), Satoshi Imura 1), Kenji Ishizawa 1), Hideaki Motoyama 1), Fumio Nakazawa 1), Johan Ström 8), Shin Sugiyama 7), Sylviane Surdyk 8)	1) National Institute of Polar Research, Japan 2) Department of Physical Geography and Quaternary Geology, Stockholm University, Sweden, 3) Kitami Institute of Technology, Japan 4) Nagoya University, Japan 5) Fukuoka University, Japan 6) Swedish Polar Secretariat, Sweden 7) Institute of Low Temperature Science, Hokkaido University 8) Department of Applied Environmental Science, Stockholm University, Sweden 9) Surdyk Scientific, Japan
P-26 (p137)	Glaciers in Central Asia	<u>Victor Novikov</u>	Tajik Meteorological Service and GA

No. (proc. page)	Title	Authors	Affiliations
P-27 (p138)	Material concentration processes of the Polar Regions on Earth	<u>Yasunori Miura</u>	Division of Earth Sciences, Graduate School of Science and Engineering, Yamaguchi University, Japan.
P-28 (p140)	Organic and isotopic studies on Antarctic carbonaceous meteorites	<u>Hiroshi Naraoka</u> 1)*, Hideyasu Kojima 2), Keizo Yanai 3)	1) Department of Earth Sciences, Okayama University, Japan 2) National Institute of Polar Research, Japan 3) Iwate University, Japan
P-29 (p142)	Shear wave anisotropy in upper mantle beneath East Antarctica from broadband seismic data; - contribution to Antarctic Arrays Deployments / POLENET at IPY 2007-2008-	<u>Yusuke Usui</u> 1)*, Masaki Kanao 2), Atsuki Kubo 3)	1) Transdisciplinary Research Integration Center, Research Organization of Information and Systems, Tokyo, Japan 2) National Institute of Polar Research, Japan 3) Kochi University, Kochi, Japan
P-30 (p145)	Antarctic Arrays Deployments in East Antarctica: Japanese Contribution at IPY 2007-2008	<u>Masaki Kanao</u> 1)* Seiji Tsuboi 2)	1) National Institute of Polar Research, Japan 2) Institute for Research on Earth Evolution, Japan Agency for Marine-Earth Science and Technology, Yokosuka, Japan
P-31 (p148)	International Collaborative Project: Hydroacoustic Monitoring of Tectonic and Volcanic Activity Within the Bransfield Strait and Western Scotia Sea, Antarctica	R.P. Dziak 1), <u>M. Park</u> 2)*, H. Matsumoto 1), D.R. Bohnenstiehl 3), W.S. Lee 2)	1) Oregon State University/NOAA, Hatfield Marine Science Center, Newport, OR 97365, U.S.A 2) Korea Polar Research Institute, Korea 3) Department of Marine, Earth and Atmospheric Sciences, North Carolina State University, U.S.A
P-32 (p152)	Contributions of the FormoSat-3/COSMIC GPS-Occultation Space Mission to IPY	<u>Benjamin F. Chao</u> 1)*, Yuei-An Liou 1), C.K. Shum 2), Kuo-Ying Wang 1), Yun-Hao Wu 1)	1) National Central University, Taiwan 2) School of Earth Science, Ohio State University, Columbus, USA
P-33 (p155)	Geological types of methane emission on the Sakhalin Island and Sea of Okhotsk	<u>Renat Shakirov</u> 1)* , Anatoly Obzhairov 1) , Urumu Tsunogai 2) , Nicole Biebow 3)	1) V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia 2) Hokkaido University, Sapporo, Japan 3) Alfred-Wegener-Institute for Polar and Marine Sciences, Bremerhaven, Germany
P-34 (p159)	Gravimetric Tomography: Significant Examples on a Deep Internal Structure and Geodynamics of the Antarctic and Arctic Polar Regions	<u>R.Kh. Greku</u> , T.R. Greku, A.A. Kulikov	Institute of Geological Sciences, National Academy of Sciences of Ukraine, Kyiv, Ukraine
P-35 (p162)	International university course on High Arctic landscape dynamics	<u>Norikazu Matsuoka</u> 1)*, Hanne H. Christiansen 2)	1) Doctoral Program in Geoenvironmental Sciences, University of Tsukuba, Japan 2) University Centre in Svalbard, Longyearbyen, Norway

No. (proc. page)	Title	Authors	Affiliations
P-36 (p164)	Distribution and Monitoring of Permafrost in Central and Eastern Asia	Sergei Marchenko 1), <u>Mamoru Ishikawa</u> 2)*, N. Sharkhuu 3), Huijun Jin 4), Xin Li 4), Zhao Lin 4), Hironori Yabuki 5), Jerry Brown 6)	1) Institute of Geography, Kazakhstan Academy of Sciences, Almaty, Kazakhstan 2) Faculty of Environmental Earth Science, Hokkaido University, Japan 3) Institute of Geoecology, Mongolian Academy of Sciences, Ulaanbaatar, Mongolia 4) Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences, Lanzhou, China 5) Institute of Observational Research for Global Change, JAMSTEC, Yokohama, Japan 6) International Permafrost Association, Woods Hole, MA USA
P-37 (p168)	Monitoring of the Thermal Regime of Permafrost in Central Yakutia	<u>Pavel Skryabin</u> *, Stepan Varlamov, Yuri Skachkov	Melnikov Permafrost Institute, Siberian Branch of Russian Academy of Sciences, Yakutsk, Russia
P-38 (p172)	Viliuisk Encephalomyelitis: an Emerging Infectious Disease in Eastern Siberia	<u>Fyodor A. Platonov</u> 1), Vsevolod A. Vladimirtsev 1), Ekaterina L. Subbotina 2), Vladimir L. Osakovskiy 1), Eugeniy D. Savilov 3), Tatiana M. Sivtseva 1), Raisa S. Nikitina 1), Alison J.E. Green 4), Colin L. Masters 5) 6), D.Carleton Gajdusek 6), Vadim G. Krivoshapkin 1), Lev G. Goldfarb 7)	1) Institute of Health, Sakha (Yakutia) Republic, Yakutsk, Russian Federation; 2) Institute of Clinical Immunology, Siberian Branch of the Russian Academy of Medical Sciences, Novosibirsk, Russian Federation; 3) Institute of Epidemiology and Microbiology, Center for Medical Ecology, East Siberian Scientific Center, Siberian Branch of the Russian Academy of Medical Sciences, Irkutsk Russian Federation; 4) The National CJD Surveillance Unit, Western General Hospital, Edinburgh, U.K. 5) University of Melbourne, Parkville, Victoria, Australia; 6) Centre National de la Recherche Scientifique, Institut Alfred Fessard, Gif-sur-Yvette, France 7) National Institute of Neuro
P-39 (p178)	Bioprospecting and Governance Regimes in Polar Regions: A Comparative Analysis of Existing Law and Policy Regimes and Options for the Future	<u>David Leary</u>	United Nations University-Institute of Advanced Studies, International Organizations Center, Yokohama, Japan.
P-40 (p182)	Indigenous Peoples of the Yakutia: quest of the strategy of the survival in the condition of futuroshock	<u>Ignatyeva Vanda</u>	Humanitarian Research Institute of Sakha Republic Academy of Sciences, Yakutsk, Russia

No. (proc. page)	Title	Authors	Affiliations
P-41 (p185)	Legal Base of the Political System Safety in the Sakha Republic (Yakutia) in Conditions of Globalization	<u>Egorov Petr</u>	Center for study of Social Political Processes, Institute of Humanities of Academy of Sciences of the Sakha Republic, Russia
P-42 (p191)	Social Role of Migration in Yakutia	<u>Vinokurova Decabrina Mikhailovna</u>	Institute of Humanities of Academy of Sciences of the Sakha Republic (Yakutia), Russia
P-43 (p195)	International Cooperation in the Arctic in the 1980s-1990s	<u>Danara Antonovna Shirina</u>	Institute of Humanities of Academy of Sciences of the Sakha Republic (Yakutia), Russia
P-44 (p197)	Human Dimension of the Eastern Part of the Russian Arctic: Search for a New Model of Development	<u>Sardana Ilyinichna Boyakova</u>	Institute of Humanities of Academy of Sciences of the Sakha Republic (Yakutia), Russia
P-45 (p199)	New Burst for the Pacific	<u>Terentiy Ermolaev</u>	Institute of Humanities of Academy of Sciences of the Sakha Republic (Yakutia), Russia
P-46 (N/A)	Synthetic observation of the Antarctic continent using the PALSAR and its IPY contribution	Masanobu Shimada 1)*, Osamu Isoguchi 1), Takeo Tadono 1), Yousuke Miyagi 1), Shinichi Suzuki 1), <u>Takayuki Kawai 2)</u>	1) JAXA/EORC, Japan 2) JAXA/SAPC, Japan