

About the Authors and Editors

Cenan Al-Ekabi joined the European Space Policy Institute in Vienna in 2011, functioning as a project manager from 2012, and a Resident Fellow from 2013. Prior to that, he obtained two Advanced LL.M. degrees in Air and Space Law, and European and International Business Law from Leiden University in the Netherlands. He also holds a U.S. JD with concentration in studies in international law from the Thomas M. Cooley law school, and a bachelor's degree in Political Science from McMaster University in Canada.

Marco Aliberti works as a Resident Fellow at the European Space Policy Institute (ESPI) in Vienna. He first joined ESPI in October 2012, after completing a Master of Advanced Studies in Space Policy and Institutions and attending the ESA/ECSL Summer Course on Space Law and Policy. Prior to that, he graduated in Oriental Languages and Cultures at the University of Rome "La Sapienza", and obtained a Master in International Relations from the Italian Diplomatic Academy (SIOI). He also pursued an Advanced Master's degree in International Asian Studies at the University of Naples "L'Orientale" and a Security Studies Program at the Institute of Global Studies—School of Government in Rome.

Blandina Baranes joined the European Space Policy Institute (ESPI) in Vienna in February 2005 and currently holds the position of ESPI Communications Manager. Prior to this, she was the chief librarian of the Jewish Studies Department of the University of Vienna. During the past years she has also worked as a documentalist and librarian for different institutions, such as the Austrian Broadcasting Corporation (ORF), the *Der Spiegel* magazine and others. She conducted her studies and research in Austria and Israel and graduated with a Master's Degree from Vienna University, Faculty of Philosophy, Department of Social and Cultural Anthropology. She is co-editor of the past three volumes of ESPI's "Yearbook on Space Policy", published several articles and participated as a speaker in a number of space related events on the topic of "Space and Interdisciplinarity".

Jacques Blamont, professor at the University of Paris (1957–1996) now emeritus, is an experimental physicist who turned from atomic spectroscopy to space science when, in 1959, he directed the first launches of the French Veronique rockets that were the starting point of space science research in Europe. He was one of the few given the task of creating the French space agency CNES in 1962, as Scientific and Technical Director of the fledgling organisation. In 1972 he became Chief Scientist and advisor to the Director General of CNES. He is still advisor to the President of CNES. Involved in atmospheric research, Jacques Blamont discovered the turbopause of the Earth (1959), the interstellar wind (1970), the hydrogen envelope (or halo) of comets (1971), the polar noctilucent clouds (1973). He made the first measurement of the temperature of

the neutral atmosphere from 100 km to 500 km and the dynamic parameters of the mesopause region, developed the scientific ballooning in Europe and the Lidar technic for atmospheric probing, proposed and helped exploration of planets by balloons, with the successful flights of two balloons in the atmosphere of Venus during the soviet mission Vega (1985). He developed an image compression device which has been widely used in missions to the Moon, Mars and Titan. He was a Prime investigator on many Soviet and U.S. spacecraft (Voyager, Pioneer Venus, Vega, Phobos, Clementine).

Gerard Brachet received an Engineering degree from the Ecole Nationale Supérieure d'Aéronautique in 1967 and a Master of Sciences in Aeronautics and Astronautics from the University of Washington in 1968. From 1970 to 1982, he held various positions at Centre National d'Etudes Spatiales (CNES), the French Space Agency, before moving in 1982 to become CEO of the SPOT IMAGE company set up to develop the market for remote sensing imagery from the SPOT series of satellites. In 1995, he came back at CNES headquarters as Director for programmes, planning and industrial policy and became its Director General from 1997 to 2002. In 1997, he was Chairman of the international "Committee on Earth Observation Satellites (CEOS)". From 2003 onwards, he was consultant on space policy issues and space applications, advising industry and government institutions, in particular the European Commission and the European Space Agency. From June 2006 to June 2008, Gerard Brachet chaired the United Nations Committee for the Peaceful Uses of Outer Space (UN COPUOS). He was the French expert within the Group of Governmental Experts (GGE) set up by the Secretary General of the United Nations to develop a series of Transparency and Confidence-Building Measures (TCBMs) in Outer Space that produced its final report in 2013, endorsed by the UN General Assembly in December 2013. Gerard Brachet was President of the Air and Space Academy (Académie de l'Air et de l'Espace) from 2009 to 2012 and Vice President of the International Astronautical Federation (IAF) and chairman of the IAF Committee on Liaison with International Organizations and Developing Nations (CLIODN) during the same period. Gerard Brachet is a member of the International Academy of Astronautics and received several international awards during his career, in particular the "1985 Laurels" of Aviation Week and Space Technology, the Brock Gold Medal Award of the International Society for Photogrammetry and Remote Sensing in 1992, the Gold Medal of the British Remote Sensing Society in 1994 and the "Social Sciences Award" of the International Academy of Astronautics in 2007.

Thomas Hoerber is Professor at the EU-Asia Institute at ESSCA—School of Management. He took this Position after a lectureship at the University of Erlangen-Nuernberg, in Germany, a previous lectureship at the University of Victoria, BC, Canada and a Ph.D. from Trinity Hall, Cambridge. He has worked in the German Bundestag and the French Assemblée Nationale and retains a vivid interest in the application of his Research in concrete politics. His main field of research is European Studies for the analysis of which he applies policy fields such as energy, environment, space and security. In order to further the understanding of European Integration, Economic Theory and Integration Theory are of further interest to his research. He has published extensively in all these fields.

Peter Hulsroj pursued his legal studies at the University of Copenhagen from 1974 to 1979. After military service, Peter Hulsroj did post-graduate studies at Harvard Law School in the USA, where he earned a Master's Degree in 1981. Returning from the USA, Mr. Hulsroj joined a large commercial law firm in Copenhagen, where he became a full member of the Danish Bar. After three and half years of private practice in Copenhagen, Mr. Hulsroj became a Contracts Officer in ESTEC, and thereafter served for almost 14 years as the Head of Contracts and Legal Affairs at Eumetsat in Darmstadt, Germany. Before rejoining ESA, Mr. Hulsroj was the Legal Adviser of the Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization in Vienna. Peter Hulsroj was appointed ESA Director of Legal Affairs and External Relations (D/LEX) in April 2008, comprising four specialist areas: the Legal Department, the International Relations Department, the Communication Department and the Education and Knowledge Management Office at ESA from 2008 to 2011. Since 2011 Peter Hulsroj is Director of ESPI.

Amy Kaminski currently serves as senior policy advisor in the Office of the Chief Scientist at NASA Headquarters in Washington, DC, USA. Dr. Kaminski previously served at the White House Office of Management and Budget (OMB), where she analysed NASA programmes and made recommendations to White House policy makers about budgets and ways to improve the performance of NASA programmes. Before joining OMB, she was an analyst in the Federal Aviation Administration's Office of the Associate Administrator for Commercial Space Transportation. Dr. Kaminski holds Ph.D. and M.S. degrees in Science and Technology Studies from Virginia Tech, an M.A. in Science, Technology, and Public Policy from the George Washington University, and a B.A. from Cornell University in Earth and Planetary Sciences. She has written several articles and book chapters on space policy and history topics. Her current research focuses on NASA's relationships with publics beyond traditional government, industry, and academic space policy developers.

Stephen D. Krasner is the Graham H. Stuart Professor of International Relations at Stanford, and a Senior Fellow at the Freeman Spogli Institute, the Hoover Institution, and at SIEPR. From February 2005 to April 2007 he was Director of the Policy Planning Staff at the Department of State. In 2002 he served as Director for Governance and Development at the National Security Council. He is a member of the Board of Directors of the United States Institute of Peace, and was a member of the Foreign Policy Advisory Board of the Department of State from 2012 to 2014. He was a fellow at the Center for Advanced Studies in the Behavioral Science in 1987–1988 and at the Wissenschaftskolleg Berlin I 2000–2001. He has been a Marcator Fellow at the Free University Berlin since 2014. Professor Krasner is a Fellow of the American Academy of Arts and Sciences and a Member of the Council on Foreign Relations.

Arne Lahcen is Resident Fellow at the European Space Policy Institute in Vienna, Austria. His research interests include Earth observation governance, international cooperation schemes, innovation management, and the relationship between space and society. Prior to joining ESPI in 2011, he obtained an Advanced Master's degree in Space Studies with a specialisation in space law, policy, business and management at the Faculty of Science of the Catholic University of Leuven, Belgium. He also holds a Bachelor's and Master's degree in Social-Economic Sciences pursued at the Faculty of Applied Economics, University of Antwerp, Belgium. In addition to ESPI research activities, he is editor-in-chief of the ESPI Perspectives series and co-responsible for the follow-up of the ESPI Autumn Conference and the editing of the ESPI Yearbook.

Xavier Li-Wen Liao is a Ph.D. Candidate of the Ghent Institute for International Studies (GIIS), Belgium. He earned his B.A. and M.A. degrees on political science from Brussels' Facultés Universitaires Saint Louis, and Université Libre de Bruxelles respectively. His doctoral research is related to global astropolitics and global space governance on the use of outer space. His recently published 'The Growing Regionalization of Global Space Regime Complex' (2015) *The Aviation & Space Journal XIV* (1) (January/March 2015): 23–35, and 'Global Space Governance in the 21st Century: A Regime Complex perspective' (2014) *Astrosociology Insights* 3(2): 3–5. Xavier has extensive interests in other research fields, such as Chinese official discourse analysis. He published his MA thesis 'A case study on China's (re-)securitization discourse along the institutionalization of the Shanghai Cooperation Organization (SCO) in The Role of Discourse as the Interface between various Disciplines studying Chinese Society, (2012) (Eds.) L. Lams & X. Liao published by the Belgian Royal Academies for Science and the Arts (KVAB). He also co-wrote 'Tracing Taiwanization processes in the Taiwanese presidential statements in times of cross-strait rapprochement' with L. Lams published in the *Journal of Chinese Current Affairs*, 2011(1): 63–98.

Rajeswari Pillai Rajagopalan is Senior Fellow at the Observer Research Foundation (ORF), New Delhi. Dr. Rajagopalan joined ORF after an almost 5-year stint at the National Security Council Secretariat (NSCS), Government of India (2003–2007), where she was Assistant Director. Prior to joining the NSCS, she was Research Officer at the Institute for Defence Studies and Analyses, New Delhi. She was also a Visiting Professor at the Graduate Institute of International Politics,

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Emmanuel Sigalas will be joining the Czech Institute of International Relations as Senior Research Fellow. Dr. Sigalas was visiting professor of EU and European Studies at the Institute of European, Russian and Eurasian Studies of Carleton University in Canada. Previously he worked as assistant professor at the Institute for Advanced Studies and at the Institute of European Integration Research of the Austrian Academy of Sciences. He holds a Ph.D. from the University of Reading, a Master's from the University of Essex and a Bachelor from the Athens University of Economics and Business. He has published in scientific journals, such as *Space Policy*, *European Union Politics* and *West European Politics*. Currently, he is working as co-editor on the *Theorizing Space Policy* book (Lexington) and on the European Space Policy entry in the *Oxford Research Encyclopedia*.

Kazuto Suzuki is an expert in the Panel of Experts for Iranian Sanction Committee under the United Nations Security Council. He is also professor of International Politics at Graduate School of Law of Hokkaido University, Japan. He graduated Department of International Relations, Ritsumeikan University, and received Ph.D. from Sussex European Institute, University of Sussex, England. He has worked in the University of Tsukuba from 2000 to 2008, and moved to Hokkaido University. He also spent 1 year at Woodrow Wilson School of Public and International Affairs at Princeton University from 2012 to 2013 as visiting researcher. He has conducted researches from International Political Economy perspective in Space Policy, together with nuclear energy policy (contributed to Independent Investigation Commission of Fukushima nuclear accident), export control policy, science and technology policy, counter-terrorism, non-proliferation, export control and policies on market regulation. He has contributed to the drafting the Basic Space Law of Japan, and served as space expert in number of governmental activities.