



SRA 2016 Annual Meeting Starts December 11th

Risk and Resilience: Viva la Revolución!

As the date of the next SRA Annual Meeting quickly approaches be sure you preregister by November 11 to take advantage of discounted rates.

<http://sra.org/events/sra-2016-annual-meeting>

WANTED!

Broader Public Discourse on GMO Technology

Press Director David Clarke reports on the hotly contested on-going debate on GMO as biotechnology companies submit increasing numbers of requests to the EPA to test or manufacture their products.

Read more on page 4.

SRA Participates in Roundtable on Sustainable Development Goals

This October, SRA President, James H. Lambert took part in a roundtable hosted by the American Association for the Advancement of Science. Genya Dana, Chair of the Risk, Policy and Law SRA Specialty Group reports.

Read more on page 6.

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Message from the SRA President

On behalf of the SRA Council and Secretariat, I hope you enjoy the Oct/Nov 2016 edition of the SRA Newsletter!!

The Newsletter Editor, Randa Kachef, has had extraordinary success traveling to SRA events worldwide and writing and collecting material for five superb issues in 2016, with another expected in December. Thank you, Randa!

The SRA Webinar series is going great, with at least one offering monthly throughout 2016, and much appreciation to Robin Dillon-Merrill for leading it!

Please thank the 2016 SRA Awards Committee for their service:

- George Gray (Chair, as SRA Past-Past-Past President)
- Gail Charnley
- Ragnar Löfstedt
- Greg Paoli
- Jennifer Kuzma
- Jonathan Wiener

Please thank the 2016 SRA Nominating Committee for their service:

- Ortwin Renn (Chair, as SRA Past-Past President)
- Jonathan Wiener
- Daniele Leonte
- Robin Cantor
- Akihiro Tokai
- Luis Cifuentes
- Alison Cullen

It is important that SRA members participate in the on-going SRA elections of the incoming President-Elect, Secretary, and three Councilors. Ballot instructions should be in your email inboxes now or very soon, or via contact to the Secretariat.

Please thank Robyn Wilson and Ragnar Löfstedt for leading the selection of the new SRA Communications Director, who will be apprenticing on various communications functions beginning on-site at the 2016 SRA Annual Meeting. Robyn and Ragnar and the SRA Communications Committee had expert support from the SRA Executive Secretary Brett Burk and SRA Director of Administration Jill Drupa.

Additional detail about this milestone for improving SRA communications, including the role of the 2015-2016 Membership Communications Survey, will be coming to you soon.

Please contact Margaret MacDonell (President-Elect, 2016 SRA Annual Meeting Chair) or Stanley Levinson (Meeting Co-Chair) or the Secretariat with your needs and ideas for the approaching Annual Meeting.

Linda Teuschler is expertly directing the 2016-2017 SRA Membership Drive. Expect to find Linda and fellow Councilors and other volunteers staffing the Membership Booth in San Diego.

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Please consider volunteering your services to the SRA Regional Organizations, SRA Specialty Groups, and SRA Committees, and particularly plan on attending the Committee meetings that are announced in the preliminary and final programs of the 2016 SRA Annual Meeting.

Please encourage students to register for SRA Workshops at the SRA Annual Meeting, at a significantly reduced tuition. Several excellent students will receive SRA Student Travel Awards and SRA Student Merit Awards in 2016.

Please participate in SRA events that continue around the calendar year in Asia, Europe, Latin America, and North America (and possibly soon Africa!) —details are continually updated at www.SRA.org.

Look forward to see many of you in San Diego in December 2016!

James H. Lambert, SRA President

SRA Membership Drive

SRA is looking to increase its membership and offer these benefits to a wider audience from academia, government, industry, consulting and non-government organizations. SRA is promoting new membership signups at the Annual Meeting and is offering a free 4-port hub for use with USB ports (pictured) to all new members (pre-registrations included). Pick yours up at the SRA Membership Booth at the Annual Meeting.

Sign up Today!



WANTED!

Broader Public Discourse on GMO Technology

David Clarke, SRA Press Director

Biotechnology companies are submitting a growing number of requests to the U.S. Environmental Protection Agency (EPA) for approval to test or manufacture their products under the Toxic Substances Control Act (TSCA), with many more submissions expected. Given the intense public concerns about the potential risks of genetically modified organisms (GMO) technologies, EPA is doing what it can to “help advance discourse around broader societal implications of biotechnology,” according to the agency’s Biotechnology Algae Project.

As the Risk Newsletter deadline arrived, the latest GMO discourse was scheduled to take place at a meeting that EPA convened October 27 in Tempe, Arizona. The meeting’s purpose was to take public comment on the agency’s draft Algae Guidance for the Preparation of TSCA Biotechnology Submissions.

The Tempe meeting continues the dialog EPA launched in September 2015 with a “Workshop for Public Input on Considerations for Risk Assessment of Genetically Engineered Algae,” which drew 99 participants from academia, non-governmental organizations, government, industry, professional organizations, and the general public. More were expected at the Tempe meeting.

Among the perspectives EPA heard at last year’s workshop, Dana Perls of Friends of the Earth expressed her organization’s general opposition to genetic engineering and support for a moratorium on all genetically engineered microorganism production, not just algae. She noted that there are currently no international or national regulations to fully evaluate synthetic biology risk assessments.

In contrast, Matthew Carr of the Algae Biomass Organization emphasized the societal benefits of the industry’s products, including as alternatives to petroleum fuels and toxic chemicals, and as sustainable sources of proteins, oils, and other products. He commented that EPA is appropriately and proactively regulating algae and working diligently to protect the public interest.

Issues pertaining to gene modification technologies acquired an even greater urgency in February this year when James Clapper, the U.S. director of national intelligence, warned in a [global threat assessment report](#)¹ that a revolutionary technique called CRISPR is among the threats posed by “weapons of mass destruction and proliferation.” How is that

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for broad discourse? While not identical to the genetic engineering associated with GMO technology, CRISPR and related tools are part of the biotechnology discussion, with some opponents sweeping them into the same box.

Tempe Talk

The Tempe meeting was convened specifically to discuss EPA's "Considerations for Biotechnology Algae" document. The draft updates a 1997 document providing companies with 'Points to Consider' when they submit pre-manufacture Microbial Commercial Activity Notices (MCAN) or TSCA Experimental Release Applications (TERA). EPA is developing an algae-specific addendum or stand-alone document for its Points to Consider. But, as EPA notes, the agency hopes the updated document will stimulate discourse about biotechnology's broader societal implications.

As background to the questions EPA targeted for discussion in Tempe, the agency noted that genetically engineered (GE) microorganisms "have the potential to affect the ecological dynamics of the natural environment." Studies have suggested "several areas of ecological impacts that merit evaluation: competition, harmful algal blooms, food web dynamics, horizontal gene transfer, and releases," according to the agency.

At last year's workshop, EPA received very few scientific comments elaborating on the data elements of its "Considerations for Risk Assessment of GE Algae." At Tempe, EPA asked for comment on whether "other data or information not captured in the current guidelines also warrant consideration." The agency also noted that the June 22, 2016, Frank R. Lautenberg Chemical Safety for the 21st Century Act, which amended TSCA, "now requires increased transparency in relaying the basis for EPA determinations for new products of biotechnology." EPA asked how it might collaborate with industry "to increase transparency on the safety of GE algae and their products."

It's a good question, and one that recognizes GMO technologies, as controversial as they are, will not simply be banned. In June, [107 Nobel Laureates](#)² signed a letter calling on Greenpeace to stop their campaign against GMO technologies in general and Golden Rice in particular. Golden rice is modified genetically for vitamin A enrichment and is promoted as a way to fight global deficiency.

Is it good? Is it bad? These are simple questions without easy answers. But we should be glad that EPA, pushed by citizens, science, and the law, is trying to assess the questions as transparently as it can.

To follow this important process, go to EPA's [website](#)³.

Links available on page 19.

SRA Participates in Roundtable on Sustainable Development Goals

Genya Dana, RPLSG Chair

In Washington DC on October 1, 2016, SRA President James H. Lambert participated at the headquarters of the American Association for the Advancement of Science (AAAS) in a roundtable on the roles of scientific and engineering societies in the new Sustainable Development Goals launched at the United Nations in fall 2015.

The two-hour roundtable was organized and moderated by Dr. Vaughan Turekian, Science and Technology Adviser to the US Secretary of State.

Dr. Turekian described world leaders' commitment to the 2030 Agenda for Sustainable Development, with 17 Sustainable Development Goals (SDGs) aimed at ending poverty, hunger and inequality, taking action on the environment and climate change, and improving access to health and education. Science, technology and innovation (STI) underpin the achievement of all 17 Goals, and progress depends on the broadest participation from governments, businesses, societies, foundations, and academia. He described the purpose of the roundtable to gather leaders of scientific organizations for a conversation on the Goals and how Agenda 2030 and the Goals provide opportunity to connect the science and engineering enterprise to a broader global agenda. Leaders from the philanthropic community and private sector shared how their communities are approaching the Goals during their strategic planning. The roundtable identified ways that the science and technology community can incorporate the Goals into their activities and the opportunities for the science, engineering and innovation community to engage in Agenda 2030.

For SRA, Dr. Lambert described the several SRA World Congresses in the developing world, in Singapore, Mexico, and (potential upcoming) South Africa. He described the plenary session on world population migration at the 2015 SRA Annual Meeting (Arlington VA, Dec. 2015) that featured Kathleen Newland, Founder of the Migration Policy Institute, and Jana Mason, Senior Advisor at the United National High Commission for Refugees, with comments from a past-president of the SRA-Europe, Prof. Jose Palma-Oliveira. Jim described that each of the fifteen SRA Specialty Groups has an interest in sustainability. He described two SGs that regularly highlight this topic: Risk and Development Specialty Group (RDSG); and Risk, Policy, and Law Specialty Group (RPLSG). He described his recent activities (published last month in the SRA journal) on risk and resilience analytics that was sponsored by the USAID and USACE on capacity expansion of the electricity grid and other critical infrastructure of Afghanistan.

Among the two-dozen invited participants in the roundtable were heads of the American Society of Civil Engineers, American Society of Mechanical Engineers, American

(Continued from page 6)

Chemical Society, National Academy of Sciences, National Academy of Engineering, American Geophysical Union, Microsoft, Materials Research Society, National Science Foundation, National Society of Black Engineers, Consortium of Universities for Global Health, and Accenture. Dr. Genya Dana who is the Chair of the SRA RPLSG contributed to the roundtable as Senior Science Policy Officer at the US Department of State.

SRA Webinars – Live and Online!

Brett Burk, SRA Secretariat

The SRA decided to try putting on a few webinars to see if there would be an interest and if we would have presenters interested in providing content. The answer to both has been a resounding YES!

We have settled into a nice cadence of having one webinar each month. The topics have been widely varied and well received. Each of the webinars is broadcast live and also recorded in a movie format that shows the slides and captures the audio. They are all available for members on the SRA Website at <http://sra.org/sra-webinar-series>

Come take a look at the webinar movies online or join us for an upcoming webinar live where you can participate by asking questions and engaging.

Some of our recent titles and presenters:

June 29, 2016, "**A Causal Analytics Toolkit (CAT) for Assessing Exposure-Response Relations in Epidemiological Data**" by Tony Cox

July 26, 2016, "**Welcome and Introduction to the Society for Risk Analysis**" by James H. Lambert and Margaret M. MacDonell

August 31, 2016, "**Webinar on Principles, Guidelines and Core Knowledge for Analytic Support of Risk Management**" by John Lathrop

September 19, 2016, "**Multiple Numeric Competencies in Risky Judgments and Choices**" by Ellen Peters

Thank you to our incredible presenters. Check back frequently for the most recent additions.

Regional Organizations

SRA Japan

Yasunobu Maeda, SRA Japan President

We look forward to our 2016 Annual Meeting from November 25-27 at Horuto Hall OITA in Oita, Japan. The chair of the organizing committee is Michiaki Kai, former-president of SRA Japan.

Oita and its neighbour city Beppu are famous as hot spring resorts. In glaring contrast, this city is close to Kumamoto, which was subject to devastation during the April 2016 Kumamoto Earthquake. Oita is a perfect example of a city that is closely related to both the risk and the benefit of its geoscientific nature. As a result, during our annual meeting we have several presentations about natural disasters and Natech, including nuclear accidents, a session about hot spring and risk, and an excursion to the luxurious Beppu hot spring.

The theme of the SRA Japan 2016 Annual Meeting is 'Toward People's Understanding and Propagation of Risk Concepts'. Keeping with this theme, two symposia and an international session will be held. The first symposium, titled 'Collaboration of Media and Experts in Risk News Reports,' is chaired by Jun Sekizawa, former-president of SRA-Japan, on Saturday November 26. The second symposium, 'Scales of Risks,' is chaired by Michiaki Kai and will be held on Sunday November 27. Finally, the international session, 'Promoting the Collaboration of Risk Research in East Asia,' features Dong Chun Shin, president of SRA-Korea, Kuen-Yuh Wu, president of

SRA-Taiwan, and Shoji Tsuchida, former president of SRA-Japan; the session is chaired by current SRA Japan President, Yasunobu Maeda.

Alongside our featured speakers, we welcome 58 oral presentations and 28 posters. All those interested in attending, please learn more by visiting <http://www.sra-japan.jp/SRAJ2016HP/>.

Planning for the next SRA Asia Conference is underway. The conference is scheduled to take place in February of 2018 at the Kansai University in Takatsuki city, Osaka prefecture. The chair of the SRA Asia Conference is Shoji Tsuchida of Kansai University. Details will be posted on our website as they unfold - <http://www.sra.org/sra-japan>.

SRA Latin America

Rosa Maria Flores, SRA-LA President-Elect

During the past couple of months, SRA-LA has elected the new Executive Committee for 2017-2018. Please congratulate the following in their appointment: César Augusto Duque Arbelaez (President-Elect, Colombia), Guillermina Perez Casimiro (Secretary, Mexico) and Roberto Ulises Ruiz Saucedo (Treasurer, Mexico). The elected members will take up their duties on January 1, 2017, together with Rosa Maria Flores Serrano (who will serve as President, Mexico) and Elizabeth Nunes Alves (who will serve as Past President, Brazil).

This Executive Committee will be in office for two years, ending their tenure on December 31, 2018. The Nominating Committee is composed of Marcelo Wolansky (Argentina), Hugo Murcia (Colombia) and Esperanza Lopez (Mexico). This is the first official announcement of the election outcome.

During September and October 2016 SRA-LA supported two events in Latin America: Seminar on Environmental Risks in the Region of Biobio: Contributions in applied research and risk management (Seminario de Riesgos Ambientales en la Región de Biobio. Aportes en investigación aplicada y gestión del riesgo) Concepcion, Biobio, Chile, September 1st, 2016.

Brazilian Congress on Disaster Risk Reduction (I Congresso Brasileiro de Redução de Riscos de Desastres) Curitiba, Parana, Brazil, October 12 – 15, 2016.

Approximately 150 people participated in the Chilean seminar and more than 500 people attended the Congress in Brazil. SRA-LA congratulates our members Octavio Rojas (Universidad de Concepcion, Chile) and Danyelle Stringari (University Centre for Studies and Research on Disaster Paraná - CEPED, Brazil) for their involvement in organizing these successful events.

Current SRA-LA President-Elect, Rosa Maria Flores, was invited by the Brazilian Congress on Disaster Risk Reduction to speak during their roundtable: Brazilian Research Agenda on Disaster Risk Reduction: Case Mariana, Minas Gerais. Dr. Flores also participated as an instructor in a workshop on environmental risk assessments of contaminated sites.

SRA-LA is supporting the involvement of its members in the 2016 SRA Annual Meeting to be held this December in San Diego, California. SRA-LA wishes them the best in this important event. Since San Diego (USA) and Tijuana (Mexico) are an international metropolitan conurbation, we expect many conversations between those interested in trans-border risk issues.

National Capital Area Chapter

Sally Kane, NCAC President

The NCAC is organizing events for the upcoming year, in partnership with several other non-partisan non-profit organizations in the area. In November and December, Dr. Tee Guidotti (incoming Chair of the Occupational Health and Safety SG) will address 'health and sustainability' and Professor Jose Palma-Oliveira (Former President of SRA-Europe) will discuss 'community resilience in a changing climate'. For 2017, several topics are under review for presentations and/or panels including food safety and Fukushima.

Over the next few months a networking, business meeting is being planned leading up to Chapter elections in 2017. The Chapter is exploring ways to continue to offer high quality events of interest to our members, given the changes in the RA field and the evolving regulatory and assessment work being done in metropolitan Washington DC.

We welcome Dr. Aliya Sassi (FDA) to the NCAC Executive llorsl; she is the new Chapter Secretary. Her enthusiasm and clear thinking have already benefitted Chapter planning and operations.

SRA China

James H. Lambert, SRA President

SRA President (2015-2016) James H. Lambert represented the SRA at an event of the School of Economics and Management, University of Chinese Academy of Sciences, in Beijing, on October 26, 2016.

Jim's keynote address followed a keynote address by Thomas L. Saaty, University of Pittsburgh, and inventor of the Analytic Hierarchy Process. As a preface to his technical presentation, Jim described SRA aims and activities, SRA worldwide events, SRA Regional Organizations, SRA Specialty Groups, the Wiley journal *Risk Analysis*, and SRA membership and leadership opportunities.

The SRA-China is ably led by its Chair, Chongfu Huang of Academy of Disaster Reduction and Emergency Management, Beijing Normal University and its Vice-Chair, Guofang Zhai of the School of Architecture and Urban Planning, Nanjing University.

The SRA-China is welcoming new members in the traditional and new interest areas of the Society. The Risk Analysis Council of China Association for Disaster Prevention (RAC) is the SRA-China's executive entity in China, licensed by the government. All members of the RAC have membership of SRA-China. Their annual meeting is November 5-6, 2016, in Changsha.



The poster is for an event at UCAS. It features the university's logo and name in Chinese and English. The event title is in large Chinese characters. A photograph of James H. Lambert is shown on the left, with his name and titles in Chinese on the right. The report time is at the bottom.

中国科学院大学 经济与管理学院
School of Economics and Management, UCAS

科苑经管国际学术论坛 (第六期)

大型项目风险管理前沿及研究进展



詹姆斯 H. 兰伯特
弗吉尼亚大学 教授
风险分析协会 主席

报告时间: 2016年10月26日 (周三) 下午16:00—18:00

Portion of poster announcing the participation of James H. Lambert during the event.

SRA Upstate New York

Peg Coleman, SRA UNY President

Upstate NY SRA members participated in three planning meetings (April 15th on the SUNY ESF campus in Syracuse; June 9th in the Ithaca area; and October 20th at Coleman's in Syracuse). The officers met with potential new members to discuss options for future events and opportunities, particularly inviting student participation and potentially engaging other professional societies as co-sponsors.

The project we selected for our 2017 focus includes two partnering ROs (New England and Australia/New Zealand). Together, we will provide a unique risk analysis program on a topic of global interest: Understanding Perceptions and Evidence of Benefits and Risks of Consuming Fresh Unprocessed Milk.

Our developing project includes three phases:

- a webinar series in 2017 (six sessions, ideally one per month from January to June);
- a workshop at the 2017 SRA annual meeting; and
- a round table panel discussion at the 2017 SRA annual meeting.

The purposes of the project are to: provide scientific context on innovations of microbiome research in Phase 1 (webinar series); and to facilitate analytic-deliberative process on this controversial, sometimes fanatical, topic in Phases 2 and 3 (workshop and round table panel discussion). The project brings together diverse experts needed to describe the full body of evidence on benefits and risks, and also provides a

necessary framework for identifying and overcoming the barriers to respectful collaborative public discourse.

This fall, the partnering ROs will be confirming webinar speakers (including an SRA Fellow) and recruiting local sites for convening groups of interested stakeholders to view the webinars and engage in dialogue about innovative research on the 'microbiome revolution', the 'human superorganism', and the milk microbiota.

Next spring, the partnering ROs will prepare workshop and symposium proposals with the Microbial Risk Analysis and Risk Communication Specialty Groups, as well as recruit panelists from the US, UK, Australia and New Zealand with diverse views on risk management for fresh unprocessed milk.

Potential co-sponsors for the project include the American Society for Microbiology and other professional organizations in Australia, New Zealand, and the UK.

For more information, please contact the organizers:

Peg Coleman: peg@colemanscientific.org

Heather Lynch: hlynch@gradientcorp.com

Steve Coring: steve.corin@epa.govt.nz

SRA Regional Organizations

Australia/New Zealand, Naomi Cogger -
n.cogger@massey.ac.nz

Canada, Gaëlle Triffault-Bouchet -
gaelle.triffaultbouchet@mddep.gouv.qc.ca

China, Chongfu Huang -
hchongfu@bnu.edu.cn

Egypt, Shady Nouredin -
shady@sra-egypt.org

Europe, Margot Kuttschreuter -
M.W.M.Kuttschreuter@utwente.nl

Europe Benelux Chapter, Frederic Bouder
f.bouder@maastrichtuniversity.nl

Europe Nordic Chapter, Ullrika Sahlin-
ullrika.sahlin@cec.lu.se

Japan, Yasunbo Maeda -
tymaeda1@ipc.shizuoka.ac.jp

Korea, Dong-Chun Shin -
dshin5@yuhs.ac

Latin America, Elizabeth Nunes Alves -
presidencia@srala.org

Russia, Valery Lesnykh -
v_lesnykh@vniigaz.gazprom.ru

Taiwan, Kuen-Yuh Wu -
kuenyuhwu@ntu.edu.tw

Ukraine/Kiev, Naum Borodyanskiy -
naumb@list.ru

United Kingdom/London, Julie Barnett -
julie.barnett@brunel.ac.uk

Society for Risk Analysis Annual Meeting

Sheraton, San Diego, California

11-15 December 2016

*Become a SPONSOR or EXHIBIT with us at the
2016 Society for Risk Analysis Annual Meeting!
Showcase your organization's projects and expertise.
Contact us at Secretariat@SRA.org today.*



SRA Specialty Groups

Applied Risk Management Specialty Group

Steve Ackerlund, ARMSG Past Chair

The ARMSG has a variety of planned sessions during the SRA 2016 Annual Meeting designed to both build up and deliver applied knowledge in risk management:

Sunday Workshop (WK2S): Integrating Strategic Risk Communication with Risk Management to Enhance Organizational and Behavioural Change. In response to strong demand, this workshop is offered for the 3rd consecutive year, to be led again by Dr. Steve Ackerlund and Sarah Thorne. This full-day workshop will introduce the state-of-the-science concepts and practices of Strategic Risk Communications and stakeholder engagement to systematically understand and influence judgment, decision making, and behaviour as an integrated element of effective risk management.

Monday, 1:05 PM Committee Meeting: We are seeking a new Chair Elect, Treasurer, and Web Site Manager. We will also review our major initiative and identify new initiatives for 2017.

Tuesday 7:35 pm After-Hours Specialty Group Meeting at the in-hotel Quinn's Ale House. This meeting, immediately following the Tuesday evening Specialty Group mixers, will focus on enlisting the participation of other Specialty Groups in coordinating efforts pertaining to the

roundtable described below. Leads from the Fundamentals and Risk Communications Specialty Groups have collaborated to establish this meeting with an intent to coordinate efforts.

Wed. 1:30 PM Roundtable, W3-H: Writing a Key Document: Principles and Guidelines for Applied Risk Management. This roundtable will focus on our important in-progress document, Principles and Guidelines for Applied Risk Management. We'll discuss key outstanding issues and seek audience participation to identify key priorities to complete in 2017. Writing this document will be a multi-year SRA collaborative effort across as many Specialty Groups as we can get to join in. We held an August webinar on this topic. A PowerPoint version of the current draft of our Principles and Guidelines work can be obtained at our SRA specialty group website:

<https://www.linkedin.com/groups/8235148>

Additionally, there are at least 6 sessions that address various aspects of risk management applications. The APRSG offers many options for learning and getting involved. We look forward to meeting you.

Risk Communication Specialty Group

Darrick Evensen, RCSG Treasurer

As you may recall, we circulated a survey amongst RCSG members recently. We have now analysed the 35 responses we received; thank you to those members who offered

your thoughts and feedback.

The first set of questions asked for nominations for RCSG officers (Chairperson, Treasurer, Councilor, Student Representative, and Social Media Officer). We received several good recommendations, but you can still nominate up until this year's RCSG business meeting, which will take place during lunch on Monday, 12 December, at the SRA 2016 Annual Meeting in San Diego. We will vote for our new officers at that meeting.

The second set of questions queried approaches to handling the RCSG budget surplus. There was equal (and strong) support for either gradually spending down the surplus or retaining the surplus but spending close to our annual income (from dues) each year. Respondents were opposed to continuing to build the budget surplus.

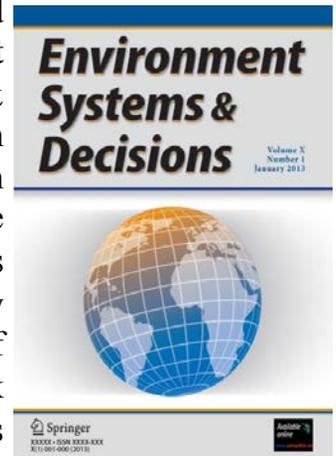
We then asked for respondents to consider a range of ways in which we could spend our annual dues and/or budget surplus. The suggestions for how to spend our funds that were supported by over half of the respondents were (in order of highest preference first): (1) create an annual award for an early career RCSG researcher [from budget surplus], (2) fund RCSG mixers at SRA events and conferences beyond the SRA annual meeting [from annual dues], (3) support/subsidize travel to SRA conferences for RCSG members [from surplus], and (4) the early career researcher award [again, but from annual dues]. We will have time to discuss the survey findings further, to take your

questions, and to vote as a group on how to move forward at the aforementioned lunch meeting.

New DARSG/ESD Best Paper Award Competition Announced

Matthew Wood, DARSG Chair

The Editorial Board of *Environment Systems & Decisions* (ESD), in coordination with Springer and the Decision Analysis and Risk Specialty Group (DARSG) of the Society for Risk Analysis (SRA) is pleased to announce



the annual ESD Best Paper Award for innovative advancement in the theory and practice of decision analysis, systems engineering, and related topics. Beginning in 2017, DARSG will nominate three abstracts from the SRA 2016 Annual Meeting submissions which will be invited for full-length manuscripts by ESD.

The ESD editorial board and the President of DARSG will select the Best Paper(s) from among invited submissions. The awardee(s) will split a \$500 prize, and manuscripts will be eligible for expedited online and print publication in ESD.

For more information about ESD visit <http://www.springer.com/environment/journal/10669>.

Specialty Group Contacts

Applied Risk Management, John Lathrop -
jlathrop@innovatedecisions.com
<http://sra.org/armsg>

Decision Analysis and Risk, Matt Wood -
matthew.d.wood@usace.army.mil
<http://sra.org/darsg>

Dose Response, Allen Davis -
davis.allen@epa.gov
<http://sra.org/drsg>

Ecological Risk Assessment, Alison Pecquet - alison.pecquet@UC.edu
and Katherine Von Stackelberg -
kvon@nekassociates.com
<http://www.sra.org/erasg>

Economics and Benefits Analysis, Sandy Hoffmann - shoffmann@ers.usda.gov
<http://sra.org/ebasg>

Emerging Nanoscale Materials, Jeremy Gernand - jmgernand@psu.edu
<http://sra.org/enmsg>

Engineering and Infrastructure, Samrat Chatterjee - samrat.chatterjee@pnnl.gov
<http://sra.org/eisg>

Exposure Assessment, Chris Greene -
christopher.greene@state.mn.us
<http://sra.org/easg>

Foundational Issues in Risk Analysis,
Terje Aven - terje.aven@uis.no
<http://sra.org/frasg>

Microbial Risk Analysis, Moez Sanaa -
moez.sanaa@anses.fr
<http://mrasg.org/>

Occupational Health and Safety, Fred Boelter - fboelter@environcorp.com
<http://sra.org/ohssg>

Risk and Development, Vanessa Schweizer -
vanessa.schweizer@uwaterloo.ca

Risk Communication, Janet Yang -
zyang5@buffalo.edu
<http://sra.org/rcsg>

Risk Policy and Law, Genya Dana -
gvdana@gmail.com

Security and Defense, Jun Zhuang -
jzhuang@buffalo.edu
<http://sra.org/rplsg>

Get Tweeted

Engage with the SRA and fellow members via the official Twitter account. Tweet [@SocRiskAnalysis](https://twitter.com/SocRiskAnalysis) or email us at twitter@sra.org



Also be sure to follow our Regional Organizations:

Europe: [@SRAEurope](https://twitter.com/SRAEurope)

Latin America: [@SRALatinAmerica](https://twitter.com/SRALatinAmerica)

SRA Announcements

SRA 2018 World Congress Planning and Meeting

The SRA has had successful World Congresses on Risk in Brussels 2003, Guadalajara 2008, Sydney 2012, and Singapore 2015!

For a summary, see:

<http://www.sra.org/worldcongress2015>

There is already at least one strong proposal for a next SRA World Congress in 2018, with the concept that it be held in South Africa.

Discussions on the South Africa World Congress and other potential proposals will occur next at the November (day tbd) and Sunday, December 11, SRA Council meetings, and at an all-hands meeting on Monday at the 2016 SRA Annual Meeting San Diego (place and time to be announced).

Please contribute your ideas and energy to the success of our next SRA World Congress. Please send your ideas and suggestions to Brett Burk, Jill Drupa, or any member of the SRA Council.



*Ortwin Renn welcomes meeting goers at the SRA 2015 World Congress in Singapore.
Photo by Randa Kachef*

Presidential Elections Every Vote Matters!

Exercise your right to vote this November for the following positions:

- SRA President Elect
- SRA Treasurer
- SRA Councilor, three positions available



Details are in your inbox now!

Abstract Submission Deadline for SRA Policy Forum Has Been Extended

The new deadline is **15 November** to submit abstracts for the SRA Policy Forum: Risk Governance for Key Enabling Technologies to be held on 1-3 March 2017 in Venice, Italy.



Venice, Italy. Photo by Randa Kachef

The discussion topics for the SRA Forum will center on emerging risk issues of key enabling technologies such as traditional risk assessment (detection, toxicology, fate, and material exposure), risk communication (stakeholder engagement), and more novel approaches (risk governance under uncertainty).

Abstracts can be submitted online here: <http://birenheide.com/sra/rpforum/abstracts.php>

Upcoming SRA Meetings

- **SRA Europe Nordic Chapter 2nd Annual Meeting** Monday, 14 November – Tuesday, 15 November 2016, Gothenburg Sweden.
- **SRA Australia and New Zealand 2016 Conference** Wednesday, 23 November – Friday, 25 November 2016, Adelaide, South Australia.
- **SRA-Japan 2016 Annual Meeting** Friday, 25 November – Sunday, November 27, Oita city, Japan.
- **SRA 2016 Annual Meeting “Risk and Resilience: Viva la Revolución!”** Sunday, 11 December – Thursday, 15 December 2016, San Diego, California, USA.
- **SRA Europe Benelux Chapter 2nd Annual Meeting** Monday, 20 March 2017, Amsterdam, Netherlands.
- **SRA Europe 2017 Annual Meeting** Monday, 19 June – Wednesday, 21 June 2017, Lisbon, Portugal.

Standing Committees

The SRA Council maintains a number of committees to facilitate the governance and operation of the Society. Members interested in the topics covered by committees or serving on a committee may contact their chairs.

Annual Meeting, Margaret MacDonell -
macdonell@anl.gov

Audit, Aylin Sertkaya -
Aylin.Sertkaya@erg.com

Awards, George Gray - gmgray@gwu.edu

Communication, Robyn Wilson -
wilson.1376@osu.edu, Ragnar Löfstedt -
ragnar.lofstedt@kcl.ac.uk

Conferences and Workshops, Sandra Hoffman - SHoffmann@ers.usda.gov,
Robyn Wilson - wilson.1376@osu.edu

Education, Jennifer Kuzma -
jkuzma@ncsu.edu, Robin Dillon-Merrill -
rld9@georgetown.edu

Executive, James H. Lambert,
lambert@virginia.edu

Finance, Jacqueline Patterson -
patterson@tera.org, Bilal Ayyub -
ba@umd.edu

Membership, Linda Teuschler -
lindateuschler@gmail.com, Ragnar Löfstedt -
ragnar.lofstedt@kcl.ac.uk

Nominating, Ortwin Renn -
ortwin.renn@sowi.uni-stuttgart.de

Publications, Pamela Williams -
pwilliams@erisksciences.com

Regions, Joseph Arvai -
jarvai@umich.edu, Frederic Boudier -
f.boudier@maastrichtuniversity.nl

Specialty Groups, Terje Aven -
terje.aven@uis.no, Sandy Hoffmann -
SHoffmann@ers.usda.gov

Are you on LinkedIn?

Stay connected with the SRA by joining the official LinkedIn group.



<https://www.linkedin.com/groups/4265467>

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newseditor@sra.org

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Sandra Hoffmann
Ragnar Löfstedt
Linda K. Teuschler
Robyn S. Wilson

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Secretary, secretariat@burkinc.com.
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Press Director: David Clarke,
davidpaulclarke@gmail.com

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Risk Newsletter is published by the Society for
Risk Analysis

Deadline for upcoming Risk Newsletter submissions

Contributing to the **end of year** Risk
Newsletter is an excellent way to promote
workshops and meetings that you may be
organizing for the 2016 Annual Meeting in
San Diego, CA. Be sure to submit your
contribution before November 24th by
emailing: newseditor@sra.org

Society for Risk Analysis
1313 Dolley Madison Blvd., Suite 402,
McLean, Virginia, 22101, USA.

SRA Website: <http://www.sra.org>

Links from “*Wanted: Broader Public Discourse on GMO Technology*” p. 4-5

1. <https://www.technologyreview.com/s/600774/top-us-intelligence-official-calls-gene-editing-a-wmd-threat/>
2. http://supportprecisionagriculture.org/nobel-laureate-gmo-letter_rjr.html
3. <https://projects.erg.com/conferences/oppt/workshophome.htm>