

“Connecting Science to Society” Sustainability & Communicating Science

CERN-UNESCO School on Digital Libraries

November 2016



Connecting Science to Society



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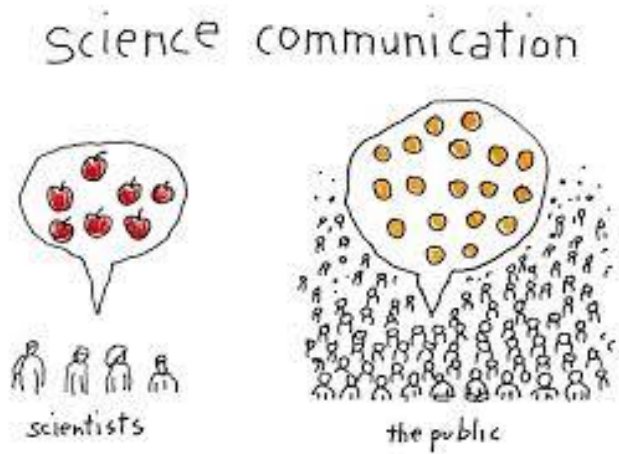
Aiming at bridging the gap between Science and Society by releasing appropriate communications that help the general public understand scientific developments, becoming involved in science and stay informed

Communicating Science



Communicating Science

Bridging the gap between the lab and the general public as well as with the media



The impact of media and communication on individuals, groups and society is central in both societal debates and research

Alan Alda Centre for communicating science

to enhance understanding of science by helping train the next generation of scientists and health professionals to communicate more effectively with the public, public officials, the media, and others outside their own discipline

<http://www.centerforcommunicatingscience.org/>

THE CONVERSATION

*Alan Alda on the art of science communication:
'I want to tell you a story'*

Interview with Alan Alda by
Will J. Grant and Rod Lamberts

Photo credit:
World Science Festival New York



World Science Festival



Mission:

Our mission is to **cultivate a general public informed by science, inspired** by its wonder, convinced of its value, and prepared to engage with its implications for the future.

Virtual journals collection of papers around topic

ATLAS - Research for a Better World

<https://www.elsevier.com/atlas>

Each month Atlas showcases research that could significantly **impact people's lives around the world** or has already done so. We hope that bringing wider attention to this research will go some way to ensuring its successful implementation.



STM Digest

Is a collection of layman translations/summaries of original research papers with **societal impact or policy focus**. These lay summaries have the potential to make research more accessible, improve engagement in science, and benefit wider society. The articles will be published online and next to the original article on ScienceDirect and will be freely available



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Elsevier Connect

Chemical detectives: solving mysteries through chemistry

Celebrate National Chemistry Week with our free special article collection on forensic chemistry

By Rob van Daalen | Posted on 18 October 2016

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Elsevier Connect is an online platform with daily stories for the global science, health and technology communities, shared via a broad social media community. Contributors are experts in the field as well as Elsevier colleagues.

We aim to publish articles that **reflect the challenges and experiences of the research community in a way that encourages thoughtful discussion.**

Sustainability



17 UN Sustainable Development Goals in 5 themes

“Peace”, “People”, “Prosperity”, “Planet” & “Partnership”



University examples on Sustainability goals

What are “green” Universities doing to become more sustainable?

- sustainable building design
- renewable energy
- locally produced food
- waste disposal
- green transport
- sustainability science



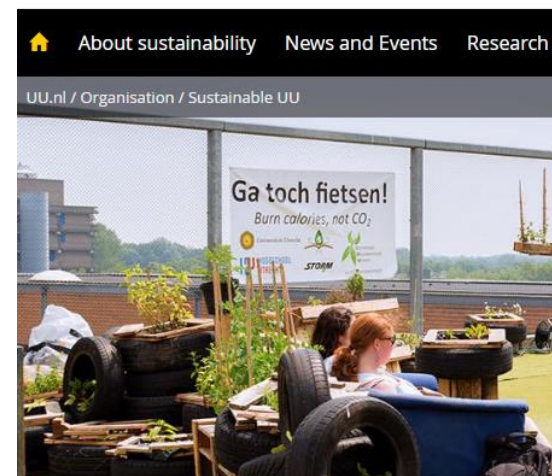
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Environmental Sustainability



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[Meet the team](#)



People: to ensure healthy lives, knowledge and the inclusion of women and children

Goal 3: Ensure healthy lives and promote well-being for all at all ages

Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

Goal 5: Achieve gender equality and empower all women and girls



Healthcare

Zika Virus Resource Center

Free access to medical research, online tools and expert advice on the Zika virus

By the Elsevier Community | Posted on 9 February 2016

Healthcare

Ebola Information Center

Elsevier's free health and medical research, online tools and expert advice on Ebola

By the Elsevier Community | Posted on 31 October 2014

We are committed in making a difference in STEM diversity

Elsevier established a framework to address gender in Scientific Publishing; eg:

The importance of a gender-balanced editorial team

Narrowing the gender gap begins with all of us

By Deborah Logan Posted on 7 March 2016



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Last year I attended an international meeting where we hosted a special reception for the editorial board of one of our key journals. As I greeted and mingled with editors and board members, something very quickly dawned on me. In a room of almost 80 people, all of them were men. Except for me. I am no stranger to being in scientific meetings where women are sometimes underrepresented, but still, this was the first time I'd been quite so outnumbered. I raised it as an observation with a few people at the reception, but it was only when I pointed it out that people seemed to notice that the balance was very definitely...unbalanced.



Green and Sustainable Chemistry Challenge

Elsevier is proud to partner with the **Elsevier Foundation** on the "Elsevier Foundation Green and Sustainable Chemistry" Challenge in 2017

Elsevier Foundation Green and Sustainable Chemistry Challenge

Stay informed



To encourage researchers to come up with new solutions, Elsevier organized this Green & Sustainable Chemistry Challenge. At Elsevier, it's our vision is to create information solutions that improve outcomes for our customers and also benefit society. This challenge will enable us to work with the research community to make a positive impact on society.

First prize of €50,000 & runner up €25,000

Partnership: to catalyze global solidarity for sustainable development

Goal 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development



“Librarians Without Borders®” Trains Librarians in Africa, Asia and Latin America Sustainability Science

Publishers without Borders

Follow our Elsevier volunteer program on Twitter: [#PWBTA](#)



Bridging the North-South divide in sustainability

Elsevier Foundation launches program with TWAS, the World Academy of Sciences, for North-South collaboration in sustainability science

By Ylann Schemm | Posted on 4 January 2016

Prosperity: to grow a strong, inclusive and transformative economy

Goal 6: Ensure availability and sustainable management of water and sanitation for all

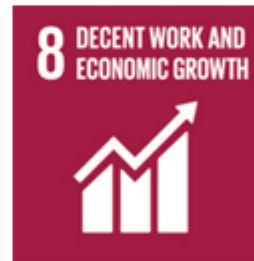
Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all

Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Goal 11: Make cities and human settlements inclusive, safe, resilient, and sustainable

Goal 12: Ensure sustainable consumption and production patterns



THE ELSEVIER FOUNDATION

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Who We Are and What We Do

Innovative Libraries

Grants in Developing Countries

New Scholars

Grants for Early Career Researchers

Nursing Faculty

Partnerships in Retention & Migration

Elsevier Foundation Awards for Early-Career Women Scientists in the Developing World



URBAN TRANSITIONS 2016 GLOBAL SUMMIT

Towards a better urban future in an interconnected age

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