

Activities for International Year of Chemistry - 2011

Peter Mahaffy
Chair, IUPAC CCE



International Year of
CHEMISTRY
2011

Existing IUPAC CCE Activities



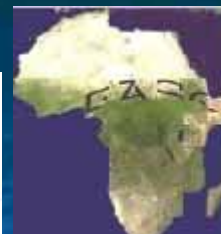
IUPAC Flying Chemist Program (CCE)
Philippines Visit April 17-18, 2008

Exploring – Croatia 2010, Ethiopia 2011

Young Ambassadors for Chemistry (CCE)



YAC visit to Alexandria, Egypt)
El Nasr girls college (5000 students, primary & secondary)



*Chemistry for
Sustainable
Development
in Africa*

Visualizing and Understanding the Science of Climate Change, IUPAC Project 2008-043-1-050



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IUPAC CCE
Task group chair



Mei-Hung Chiu
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Julia Hasler
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Brian Martin
KCVS
CRYSTAL Alberta



Mary Kirchhoff
ACS



Alison Eldridge
RSC



Colin Osborne
RSC



Natalie Tarasova
IUPAC CCE
Moscow

Glasgow Outcomes

IUPAC CCE Initiated Activities

- Targets
 - School and university students
 - General public
- Projects – proposal to feasibility stage
 - Global experiment
 - Celebration of stories of chemistry
 - International chemistry day or week
 - Directly targeting general public

Global Experiment

- Students around the world (elementary, secondary and/or tertiary) do an experiment, collect data, send it to a collective data base.
- Topic related to IYC themes – chemistry and sustainability. Likely focus on water.



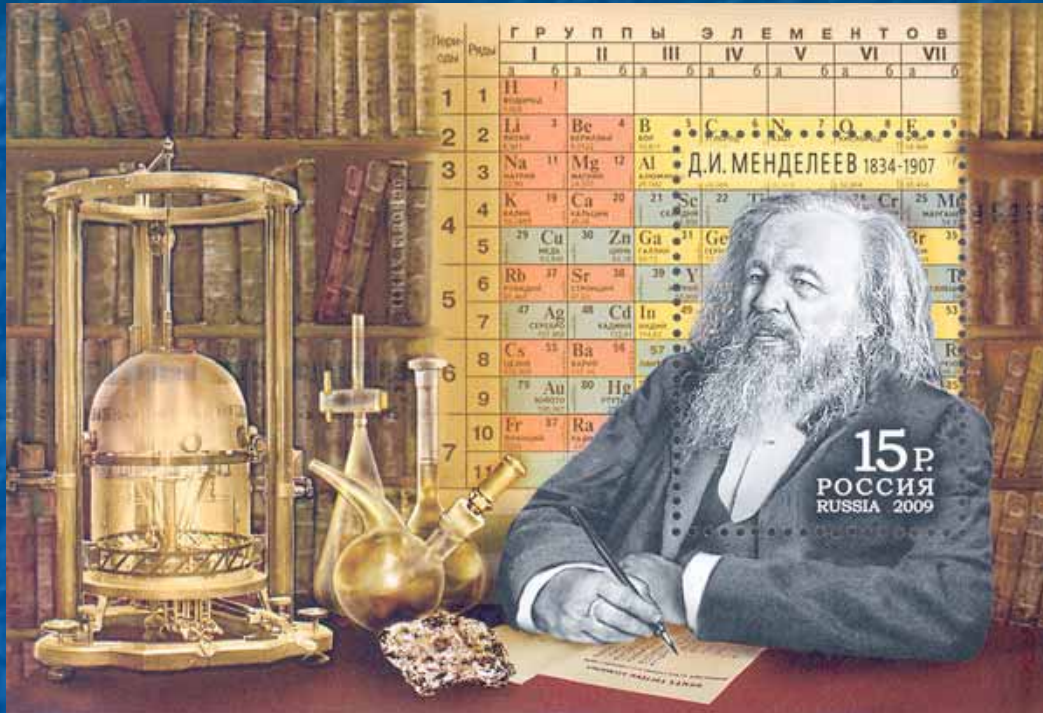
Celebrating stories of chemistry

- Students around the world describe their own country's stories of chemical achievement
- Use social networking technologies – perhaps cell phones for recording videos
- National screening
- Emphasis not on competition but celebration
- Select some outstanding contributions to attend closing ceremony in Brussels
- Possible symposium at ICCE in Taipei 2010 on helping countries tell their stories of chemical achievement

International chemistry day or week

- Consult with national chemistry societies to see whether we could have a common international chemistry day or week
- Provide tool kits for countries for activities
- Activities selected to meet IYC goals and different target audiences (school children at various ages, media, politicians, general public)
- Advantage of synchronous events
 - Media attention
 - Emphasize chemistry as global profession
 - Attention of policy makers
 - Support synchronous global experiment

Direct targeting of public



Daniel Rabinovitch ideas



SEARCH FOR GEOCACHES

There are **864,342** active geocaches around the world. Enter your postal code or address and click "go" to explore the geocaches near you.

<http://www.chemistry2011.org/>



International Year of **CHEMISTRY** 2011

National Nodes

Search Directory



Get Involved

Learn More

The IYC 2011 will be a year-long celebration in which anyone can participate. You can coordinate an activity, engage in a project, or simply share an idea. Join in now and become part of something special.

[Join the IYC Network](#)

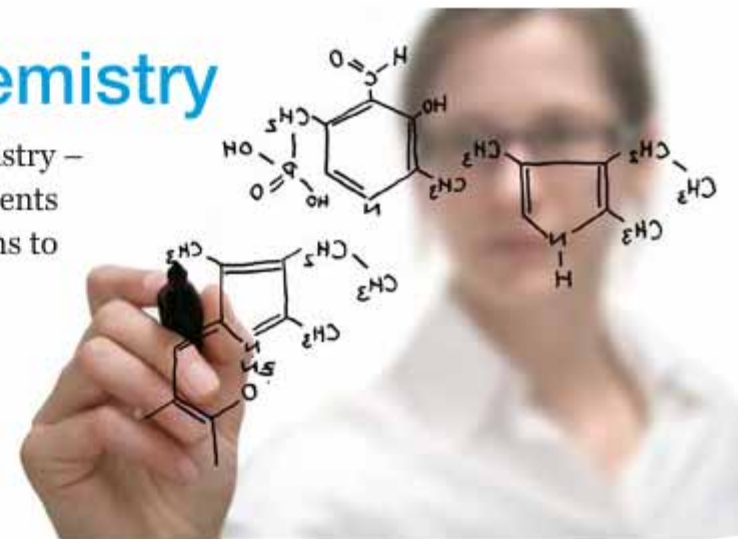
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Celebrate Chemistry

The International Year of Chemistry – 2011 will celebrate the achievements of chemistry and its contributions to the well-being of humankind.



From Ideas to Activities

View all

You can participate in the IYC 2011 in many different ways. Here are just a few ideas and sample activities of earlier projects. What are you going to do? Think and start planning...



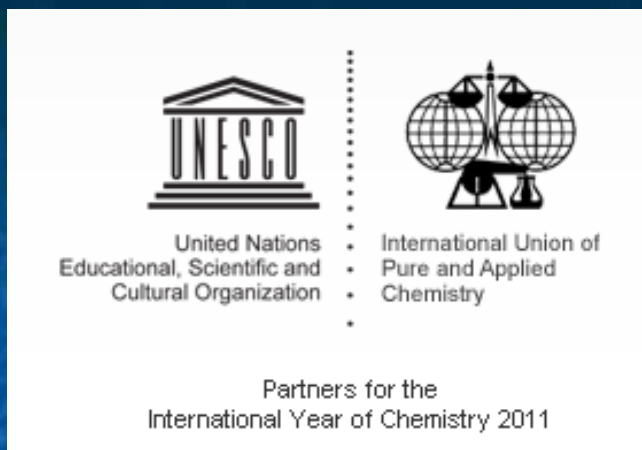
[Chem on Wheels](#)



[Draw It](#)



[Spanish Year](#)



Building partnerships

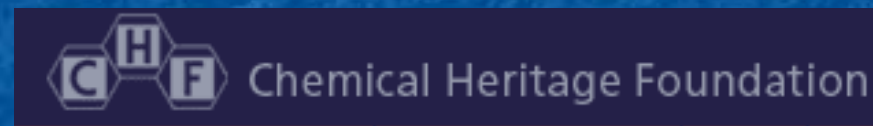


Global Education Initiative



In its six years of existence, the Global Education Initiative has impacted over **1.8 million students and teachers** and mobilized over **US\$ 100 million** in resource support in Jordan, Rajasthan (India), Egypt, the Palestinian Territories and Rwanda. Today, the GEI engages over 40 private sector partners, 14 governments, seven international organizations and 20 NGOs with a Steering Board of nine Industry and Strategic Partners (AMD, Cisco, Edelman, HP, Intel, Microsoft, Satyam, StratReal, and SK Group).

The primary objective of the GEI is to raise awareness and support the implementation of relevant, sustainable and scalable national education sector





A Challenge,
An Opportunity

Twinning?

