The WNU global network

**Vision:**

a) to develop competencies of the future world class nuclear leaders  
b) a leading global nuclear educational organization developing talents for the advancement of the nuclear science and technology

**Mission:**

To enhance international education and leadership in the peaceful uses of nuclear energy and the applications of nuclear science and technology, by providing top level training for future world class nuclear leaders
A growing international network

<table>
<thead>
<tr>
<th>Initial participants (Declaration of Commitment 2003)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 intergovernmental organizations</td>
</tr>
<tr>
<td>2 international associations</td>
</tr>
<tr>
<td>27 institutions in 23 countries</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Current participants (2019)</th>
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</thead>
<tbody>
<tr>
<td>2 intergovernmental organizations</td>
</tr>
<tr>
<td>9 international/ regional associations</td>
</tr>
<tr>
<td>62 institutions in 30 countries</td>
</tr>
</tbody>
</table>

Additions in 2019

Sarah Cullen, WNU Training Manager
Values that support excellency

- **Lifelong learning and networking** opportunities
- **Continuous improvement** of performances and outcomes
- International collaboration for **expanding learning networks**
- **Diversity** in learning environments, cultures and people
- **Equal opportunities** and fair treatment in all programmes
- Clear and fast **communications**
- **Creativity and innovation** in engaging fellows, faculty, and collaborators
- Passion to manage the programmes with utmost efficiency
- Integrity, teamwork, professionalism, respect and leadership
- **Commitment to sustainability** by reducing the amount of waste generated during WNU programmes
Lifelong learning and networking opportunities

▸ Events and programmes for all career stages
▸ Publications
▸ Public resources

▸ Alumni events and networking opportunities
▸ Alumni innovation platforms
▸ Alumni network engagement

Identifying and filling gaps in nuclear education
WNU Programmes

- Networks for Innovation
- Programmes for all career stages
- About 8000 Alumni from 90 countries since 2003

world-nuclear-university.org
Purpose of WNU Summer Institute

To provide an unique educational experience aimed at building future global leadership in the fields of nuclear science and technology

1214 Alumni from 85 Countries

Nomination award: Human Capital Development in Atomexpo 2018
WNU Summer Institute

• 2005: Idaho Falls, US
• 2006: Stockholm, Sweden
• 2007: Daejeon, Korea
• 2008: Ottawa, Canada
• 2009 - 2014: Oxford, UK
• 2015: Uppsala, Sweden
• 2016: Ottawa, Canada
• 2017: Uppsala, Sweden
• 2018: Busan and Gyeongju, Korea
• 2019: Romania and Switzerland
• 2020: Postponed
• 2021: Japan
Networks for Nuclear Innovation on IAEA CONNECT

WNU Alumni, Faculty, and Mentors from all years

Purpose:
- Platform to innovate, collaborate, and share information
- Facility to network and find collaboration partners
- Easy way to keep up to date with WNU and events
World Nuclear University Press
Nuclear Energy in the 21st Century

"If anybody is interested in energy, this book would give them a great understanding of the role nuclear energy might play."

Sir Roderick Carnegie
Chairman Pacific Edge Group
Former Chairman Conzinc Riotino
Australia

WNU books are available for purchase at: online-shop.world-nuclear.org
WNU Radiation Technologies School

The RT School provides participants with:

• A broad understanding of the main topics relevant to Radiation Technology
• Awareness of the main challenges within a given field
• An international network of value to current and future careers
• Inspiration to commit oneself to advancing the global contribution of peaceful nuclear technology
Advanced Radiation Technology

Broad picture of:
• Radioisotope production
• Economics
• Radiation sources and accelerators
• Radiation dosimetry

Applications in:
• Medicine
• Industry
• Cultural heritage

WNU books are available for purchase at: online-shop.world-nuclear.org

Sarah Cullen, WNU Training Manager
Short Course
"The World Nuclear Industry Today”

Aimed at nuclear specialists in industry, universities, research centres, government and regulators

Objectives:
• to increase participants knowledge about how nuclear science and technology are applied in the world today
• to recognize how their own special skills and experience fit into this global picture
• to inspire them to develop an expansive vision of where this industry can go in the future
• to network with fellow nuclear professionals in their countries
The World Nuclear Industry Today - Venues

Brazil

Argentina

South Africa

Romania

Kazakhstan

Mongolia

Turkey

Jordan

UAE

China

South Korea

Singapore

Malaysia

Indonesia

UAE
International Training Centre for uranium exploration, mine development, production, waste management and decommissioning

Established in 2006 and is operated on behalf of WNU by DIAMO, the Czech uranium company

Set up on the premise that a worldwide expansion of nuclear energy is now very likely, which will require a higher level of primary uranium production

Now focusing on exploration and remediation

Mostly participants from China and few others supported by IAEA
WNU School of Uranium Production

School of uranium production
Stráž pod Ralskem

The World Nuclear University - School of Uranium Production (WNU SUP) international training centre was founded in 2006 and is operated by the DIAMO, state enterprise under the auspices of the World Nuclear University in London and in collaboration with OECD/NEA and IAEA. Making use of knowledge and equipment of the DIAMO State Enterprise and the connections it has with universities, research institutions, supervisory authorities and other experts from the Czech Republic and abroad, the International Training Centre develops and presents schemes focused on professional training throughout the range of aspects of uranium production, be it deposit surveys and extraction using various means, treatment of uranium ores, environmental protection and protection of the health of workers, and even removal of the consequences of mining operations.

More about us

https://wnusup.cz/en

Sarah Cullen, WNU Training Manager
WNU School of Uranium Production
Communicating Effectively with Nuclear English Course

- In-company and at Summer Institute
- Learn English in a nuclear-specific context with interactive exercises
- Based on the book: “Nuclear English: Language Skills for a Globalizing Industry” by Serge Gorlin
Communicating effectively with Nuclear English

WNU books are available for purchase at: online-shop.world-nuclear.org
New programme to enhance:

- broad understanding of the nuclear area,
- leadership skills,
- drive to influence the nuclear energy fast development.

Target audience:
Board members, executive managers, high potential professionals in managerial positions with international outreach; policy makers in nuclear area, regulators.
Nuclear Olympiad
An international competition for students interested in nuclear technology and policy

Konepa, Seoul, 2011: A plan for gaining public acceptance of nuclear energy in my country
IAEA, Vienna, 2015: Nuclear techniques for global development
WNA, London, 2016: Communications messages on the need to expand nuclear electricity capacity

WNA, IAEA, 2019: Listening to the public
Thank you!

Keep up to date at  
world-nuclear-university.org

Connect with us on social media: