

Summary of INSC Changes, Activities and Achievements during 2021-2022

Nov. 16, 2022

Poong Hyun Seong

INSC Chair (2021-2022)

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12. An INSC Report “Vison for Next 50 Years of World Nuclear Energy” is being prepared.

1. “List of INSC Delegates and Member Societies Contact” was made.

- Mainly contributed by Dr. Marc Deffrennes, INSC Secretary
- Delegates and permanent contacts of member societies were not very clear and the list of recipients of official emails from INSC was significantly outdated and the recipients were in many cases overlapped or omitted.
- During the period, 2021-2022, contacts of INS (Israel Nuclear Society), NEST (Nuclear Energy Society of Taipei) and PNS (Pakistan Nuclear Society) were found and now they are on the list.
- Now, 27 out of 30 Delegates are on the list. One from Egyptian Society of Nuclear Sciences and Applications, one from the Thailand Nuclear Society, and one from the Indian Nuclear Society are currently missing. Now, the Delegate from the Chinese Nuclear Society is expected to be decided after the former Delegate resigned his position. Recently, Delegate of Mexican Nuclear Society (SNM) is changed from Lydia C. Paredes Gutierrez to Armando Gómez Torres
- List of Delegates and Contacts is continuously being updated.

INTERNATIONAL NUCLEAR SOCIETIES COUNCIL DELEGATES AND CONTACTS (September 21, 2022)

	REGION	MEMBER SOCIETY	# SEATS	DELEGATE	EMAIL(Delegate)	EMAIL (Contact)
1	Asia-Pacific	Atomic Energy Society of Japan (*)	1	Tomofumi Yamamoto	Tomofumi.yamamoto.v7@nu.mhi.com	kokusai@aesi.or.jp
2			2	Hisashi Ninokata	hisashi.ninokata@polimi.it	
3		Australian Nuclear Association (*)	1	Joanne Lackenby John Harries (support)	president@nuclearaustralia.org.au	ana@nuclearaustralia.org.au johnharries@optusnet.com.au
4		Korean Nuclear Society (*)	1	Poong Hyun Seong Jeong Ik Lee (support)	phseong@kaist.ac.kr	kns2613@kns.org jeongiklee@kaist.ac.kr
5		Nuclear Energy Society, Taipei (*)	1	Henry Hung	hjhung@acc.gov.tw	nestnuclear@gmail.com
6		Chinese Nuclear Society (**)	1	TBD		cns_zyy@126.com
7	Europe	European Nuclear Society (*)	1	Fernando Naredo	naredoec@hotmail.com	info@euronuclear.org
8			2	Valerie Faudon	valerie.faudon@sfen.org	
9			3	Christian Legrain	legrain.chris@outlook.com	
10			4	Vladimir Slugen	vladimir.slugen@stuba.sk	
11			5	Luc Van den Durpel	vddurpel@nuclear-21.net	
12			6	Marc Deffrennes	marc.deffrennes@hotmail.com	
13	Latin America	Latin American Section of ANS (*)	1	Jorge Spitalnik	jspitalnik@las-ans.org.br	contato@las-ans.org.br
14			2	Orpet Peixoto	orpet@uol.com.br	
15			3	Jaime Salas Kurte	jksalas64@hotmail.com	
16		Argentinian Association of Nuclear Tech (*) (AATN)	1	Jaime Pahissa Campa	mhpahissa@gmail.com	mhpahissa@gmail.com
17		Brazilian Association of Nuclear Energy (ABEN)	1	Carlos Henrique Costa Mariz	chcmariz@gmail.com	chcmariz@gmail.com
18		Mexican Nuclear Society (*) (SNM)	1	Lydia Paredes Gutierrez	lparedes.gutierrez@gmail.com	lparedes.gutierrez@gmail.com
19	North America	American Nuclear Society (*)	1	Past Pres	pastpresident@ans.org	president@ans.org cpiercy@ans.org
20			2	Pres	president@ans.org	
21			3	VP Pres Elect	vp@ans.org	
22			4	Exec Dir. Craig Piercy	cpiercy@ans.org	
23		Canadian Nuclear Society (*)	1	Peter Ozemoyah	zemoyah@gmail.com	cns_office@cns-snc.ca
24			2	Kamal Verma	kdnverma@gmail.com	
25	At-Large	Israel Nuclear Society	1	Ilan Yaar	dryaar@gmail.com	erez.gilad@gmail.com
26		Pakistan Nuclear Society	1	Waqar Ahmad Butt	wagaraabutt@gmail.com	council@pns.org.pk
27		Indian Nuclear Society	1	TBD		indianuclearsociety@gmail.com
28		Egypt Soc of Nuc Science and Applications	1	TBD		aihelal20646@gmail.com
29		Nuclear Society of Thailand	1	TBD		admin@nst.or.th
30		Women In Nuclear Global	1	Eileen Langedger (Treasurer) Dominique Mouillot	win@win-global.net eileen.langedger@euronuclear.org	win@win-global.net
		TOTAL	30			4

2. Governance of INSC is changed.

- Initiated by Dr. Fernando Naredo, Immediate Past Chair, suggested by Dr. Peter Ozemoyah, INSC first vice chair, prepared by all Executives and adopted by an overall vote.
- Before 2021, there were four executive officers at INSC, the chair, first vice chair, second vice chair, secretary/treasurer, and each officer had two year charge. So, coming in as secretary/treasurer, one has to serve for 8 years as INSC officers in total.
- INSC adopted six executive officers from January 2022 after an overall vote that took place from May 21 to September 21, 2021. They are the chair, first vice chair, second vice chair, secretary, a separate treasurer, and the immediate past chair. Immediate past chair is however as non-voting ex-officio member. And each officer will have one year charge instead of two years.

Position (Before 2021)	Position (After 2022)
Chairman	Chairman
1 st Vice Chairman	1 st Vice Chairman
2 nd Vice Chairman	2 nd Vice Chairman
Secretary/treasurer	Secretary
	Treasurer
	Immediate past chair

Vote 1: INSC will have the position of Secretary/Treasurer split into two, Secretary and Treasurer. This will result in 5 elected officers (Chair, 1st Vice Chair, 2nd Vice Chair, Secretary, and Treasurer). (See Annex #1 for brief background explanation)

Vote 2: INSC Executive Officers will have the term of service to be 1 year rather than the current 2 years. (See Annex #2 for brief background explanation)

Vote 3 : INSC Immediate Past Chair will serve as non-voting ex-officio member of the Executive. (See Annex #3 for brief background explanation)

Annex #1: INSC currently has five regions: Asia/Pacific, Europe, North America, Latin America and At-Large. Each of the four region except the At-Large has an Executive officer at INSC now. By splitting Treasurer/Secretary into Secretary and Treasurer, we can have five Executive officers and these can be possibly from five regions. This is also related to Vote 2.

Annex #2: Currently each officer serves two years in a position before moving on to the next position in the hierarchy (Treasurer/Secretary → 2nd Vice Chair → 1st Vice Chair → Chair) for a total of 8 years, which is rather a long time. So, another change being proposed by the Executive is to have the term of service to be 1 year rather than current 2 years. This will result in 5 elected officers (Chair, 1st Vice Chair, 2nd Vice Chair, Secretary, and Treasurer) for serving for a total of 5 years instead of the current 8 years.

Annex #3: The Executive is proposing that the Immediate Past Chair serves as non-voting ex-officio member of the Executive. This will help with smooth transition and continuity.

INTERNATIONAL NUCLEAR SOCIETIES COUNCIL DELEGATES VOTE RESULTS (AS OF SEPT. 21 2021)								
	REGION	MEMBER SOCIETY	# SEATS	DELEGATE	Vote1	Vote2	Vote3	Vote4
1	Asia- Pacific	Atomic Energy Society of Japan (*)	1	Tomofumi Yamamoto	O	O	O	X
2			2	Hisashi Ninokata	O	O	O	X
3		Australian Nuclear Association (*)	1	Joanne Lackenby	O	O	O	O
4		Korean Nuclear Society (*)	1	Poong Hyun Seong	O	O	O	O
5		Nuclear Energy Society, Taipei (*)	1	Henry Hung	O	O	O	O
6		Chinese Nuclear Society (**)	1	Zhi Wang(?)				
7	Europe	European Nuclear Society (*)	1	Fernando Naredo	O	O	O	O
8			2	Valerie Faudon	O	O	O	O
9			3	Christian Legrain	O	O	O	O
10			4	Vladimir Slugen	O	O	O	O
11			5	Luc Van den Durpel	O	O	O	O
12			6	Marc Deffrennes	O	O	O	O
13	Latin America	Latin American Section of ANS (*)	1	Jorge Spitalnik	O	O	O	O
14			2	Orpet Peixoto	O	O	O	O
15			3	Jaime Salas Kurte	O	O	O	O
16		Argentinian Association of Nuclear Tech (*)	1	Jaime Pahissa Campa	O	O	O	O
17		Brazilian Association of Nuclear Energy	1	Carlos Henrique Costa Mariz	O	O	O	O
18		Mexican Nuclear Society (*)	1	Lydia Paredes Gutierrez	O	O	O	O
19	North America	American Nuclear Society (*)	1	Past Pres	X	O	O	O
20			2	Pres	X	O	O	O
21			3	VP Pres Elect	X	O	O	O
22			4	Exec Dir. Craig Piercy	X	O	O	O
23		Canadian Nuclear Society (*)	1	Peter Ozemoyah	O	O	O	O
24			2	Kamal Verma	O	O	O	O
25	At-Large	Israel Nuclear Society	1	Ilan Yaar	O	O	O	O
26		Pakistan Nuclear Society	1	Imtinan Qurashi(?)				
27		Indian Nuclear Society	1	TBD				
28		Egypt Soc of Nuc Science and Applications	1	TBD				
29		Nuclear Society of Thailand	1	TBD				
30		Women In Nuclear Global	1	Dominique Mouillot				
		TOTAL	30					

3. A membership fee of 200 USD per seat per year was decided to be collected.

- Mainly contributed by Ms. Martina Etmuss (From Jan.1 to July 22, 2022 INSC Treasurer), Dr. Eileen Langegger (INSC Treasurer) and Dr. Marc Deffrennes (INSC Secretary).
- INSC had always been in need of certain amount of fund for small expenses, for example, for rooms, equipment and refreshments at meetings, INSC Global Awards, Website maintenance, special celebration for anniversaries, and so on but has not had any bank account from the beginning for more than 30 years. These expenses have usually been covered by Chairs or Chair societies, which is not always possible.
- A membership fee of 200 USD per seat per year was decided to be collected by an overall vote carried out from May 21 to September 21, 2021.

Vote 4: INSC Member Society who has a vote (or votes) will pay the annual membership fee of USD 200 per vote. If the final decision is to have the annual membership fee, any Society who does not pay the annual membership fee will forfeit the right to vote, and ultimately forfeit membership of INSC. (See Annex #4 for brief background explanation)

Annex #4: INSC has always been in need of certain amount of fund for small expenses, for example, for rooms, equipment and refreshments for meetings, INSC Global Awards, Website maintenance, special celebration for anniversaries, and so on but has not had any account from the beginning for more than 30 years. These expenses have usually been covered by Chairs or Chair societies, which is not always possible. Now INSC is trying to have its own Bank account for these expenses and is trying to find an organization which can host the INSC account or to incorporate INSC in a city like Vienna. But before engaging either way (hosting or incorporation), there must be clarity in the budget. The Executives decided to ask for a contribution of 200 USD per voting Delegate – leading to an expected total budget of 6000 USD per year – considered appropriate for the small spends of INSC.

INTERNATIONAL NUCLEAR SOCIETIES COUNCIL DELEGATES VOTE RESULTS (AS OF SEPT. 21 2021)								
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4		Korean Nuclear Society (*)	1	Poong Hyun Seong	O	O	O	O
5		Nuclear Energy Society, Taipei (*)	1	Henry Hung	O	O	O	O
6		Chinese Nuclear Society (**)	1	Zhi Wang(?)				
7	Europe	European Nuclear Society (*)	1	Fernando Naredo	O	O	O	O
8			2	Valerie Faudon	O	O	O	O
9			3	Christian Legrain	O	O	O	O
10			4	Vladimir Slugen	O	O	O	O
11			5	Luc Van den Durpel	O	O	O	O
12			6	Marc Deffrennes	O	O	O	O
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29		Nuclear Society of Thailand	1	TBD				
30		Women In Nuclear Global	1	Dominique Mouillot				
		TOTAL	30					

4. Opinions by member societies to enhance visibility of INSC and its benefit to member societies were collected.

- Mainly contributed by Delegates of member societies who participated in collecting the opinions.
- INSC has been in existence for more than 30 years but it does not have good visibility. INSC needed opinions from member societies on how to make INSC more visible to the world and more beneficial to member societies.
- INSC collected many pieces of good advice from May 21 to September 21, 2021 and this work triggered INSC to publish some news articles, a few position statements, and a Vision report for Next 50 Years of Nuclear Energy. Also it made INSC to plan an INSC Workshop.
- The comments and opinions were collected and distributed to member societies.

Some opinions from Member Societies for the possible roles of INSC

1. (From LAS/ANS) LAS/ANS believes that INSC is fulfilling its purpose however it could be more active. Participants of the associated Nuclear Societies and from nuclear sector needs to know more about INSC
2. (From INS) To be more beneficial to Member Societies, the INSC should try to follow some of the points listed below:

To be more involved in the activities organized by Member Societies, especially participation in local conferences.

To establish a newsletter dedicated for INSC activities to be published every 4-6 months among Member Societies.

To organize a real scientific conference organized by INSC every 2-3 year covering all major points of interest for INSC and Member Societies
3. (From ANS) ANS believes INSC is largely fulfilling its stated purpose.
4. (From NEST) Since Taiwan is striving toward the goal of “nuclear-free homeland”, the existing nuclear power plants shut down permanently as their 40-year operating licenses expire. Therefore, the importance of “on-schedule decommissioning” and “nuclear waste management” cannot be overemphasized for Taiwan. However, this is the first time commercial nuclear power plants have undergone decommissioning in Taiwan, and the nuclear waste management problem involves cross-generational justice. To solve relevant issues, a high degree of public trust is critical for the Taiwan competent authority.

The INSC is a world-renowned organization made up of Nuclear Societies representing over 80,000 nuclear professionals. The cooperation, communication, and exchange of information regarding nuclear decommissioning and radioactive waste management among the world's nuclear societies would be valuable for Taiwan and might help us gain public trust. International experiences and professional advice from the INSC could also help facilitate nuclear decommissioning and radioactive waste management in Taiwan. We sincerely hope that nuclear decommissioning and radioactive waste management would be the topics of interest during the information sharing in the INSC accordingly.

5. (From ABEN) I am new to the INSC and I believe it has an important role to play. I think that the INSC makes a positive contribution in that it provides a network for like-minded individuals to share information, exchange ideas and develop strategies for the nuclear sector. I am particularly interested in understanding the different

models used by the individual societies to finance their activities, or their models of governance, also how do they contribute to the development of the nuclear sector in their respective countries. Are there educational, scientific and research materials that we can freely share among the individual societies? These are the issues that I would like to see the INSC work on.

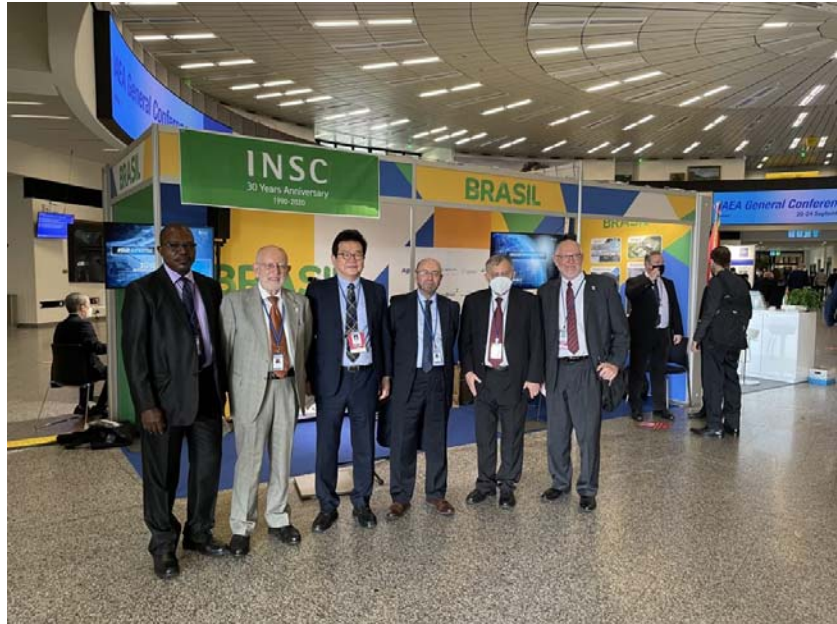
(From ANA) The INSC represents a large number of organizations and people working in nuclear science and technology. INSC should speak for the members of member organizations at the international level and provide input and submissions to international initiatives such as the COP26 UN Climate Change Conference advocating for the role of nuclear in meeting the challenge of climate change. This input could be from INSC or could be in association with others. The declaration from Nuclear Societies signed in Juan-Les-Pins, France in 2019 was a good outcome.

Also, the INSC could be a way for individual societies to share information with each other, for instance, operational information. We would be interested in how they run their media relations and what has been successful. This would be an opportunity for societies to learn "best practice" from other organizations so they don't need to start from scratch. This could be by providing points of contact for discussions between organizations.

The INSC webpage says that INSC holds the Non-Governmental Organization Status of IAEA and UNEP. Perhaps these could be used.

5. INSC 30 Year Anniversary Celebration ceremony was held on September 22, 2021 during the 65th IAEA GC.

- Mainly contributed by Mr. Orpet Peixoto, INSC second vice chair. Brazilian booth was used for the ceremony and Korean Nuclear Society provided INSC with 30 Year Anniversary souvenirs.
- The 30 Year Celebration Ceremony should have been held in 2020, but due to Corona virus pandemic, it was postponed and held in September 22, 2021 in Vienna, Austria during the 65th IAEA GC.
- About 30-40 people attended the Ceremony and there were speeches by Prof. Poong Seong, INSC Chair, by Mr. Rafael Mariano Grossy, IAEA Director General, by Mr. Carlos Duarte, the Brazilian Ambassador to IAEA, and by Dr. Peter Ozemoyah, INSC first vice chair.
- Many photos and videos were taken and uploaded to the INSC Website, <http://insc.host1.ans.org>.



6. The INSC Statutes was adopted and a bank account was opened in Austria.

- Mainly contributed by Ms. Martina Etmuss (From Jan.1 to July 22, 2022 INSC Treasurer), Dr. Eileen Langegger (INSC Treasurer) and Dr. Marc Deffrennes (INSC Secretary).
- An overall vote to adopt the Statutes was carried out from April 3 to May 18, 2022, and INSC Statutes was adopted.
- Now INSC has its own bank account for small expenses by registering INSC in Baden, Austria and opening a bank account.

Statuten

International Nuclear Societies Council (INSC)

(offizielle deutsche Fassung)

§ 1 Name, Sitz und Tätigkeitsbereich

(1) Der Verein führt den Namen

„International Nuclear Societies Council“

(2) Er befindet sich in

A-2500 Baden, Niederösterreich

und aktiv ist

in Österreich und weltweit.

(3) Die Errichtung einer weiteren Zweigniederlassung ist nicht vorgesehen.

§ 2 Zweck

Der 1990 gegründete International Nuclear Societies Council (INSC) ist eine Organisation von kerntechnischen Fachverbänden (im Folgenden Fachverbände), deren Interessen in der Entwicklung und Nutzung der Kerntechnik und ihrer Wissenschaften für friedliche Zwecke liegen. Der INSC zielt darauf ab, die kontinuierliche Zusammenarbeit, Kommunikation und den Informationsaustausch zwischen den Fachverbänden der Welt zu fördern, gemeinsame Aktivitäten durchzuführen und erforderlichenfalls eine gemeinsame Vertretung sicherzustellen. Spezifische Aktivitäten werden vom Vorstand geplant und den Mitgliedern genehmigt, um diese Ziele zu erreichen.

Der Verband hat als gemeinnütziger Verein das Ziel:

1. Ein globales Forum für Fachverbände zu sein, um gemeinsame Ziele und Aufgaben zu diskutieren und festzulegen.
2. Als globale Nichtregierungsorganisation in kerntechnischen Angelegenheiten internationaler Natur aufzutreten.
3. Die Ansichten und Positionen von Fachleuten in der Kerntechnik zu vertreten, die durch ihre Fachverbände eingebracht werden.
4. Die Arbeit und Errungenschaften der kerntechnischen Gemeinschaft weltweit auf der Grundlage ethischer Grundsätze zu würdigen, die von den Fachverbänden übernommen wurden.
5. Steigerung der operativen Effizienz der Fachverbände durch Schaffung von Möglichkeiten zur Zusammenarbeit und Ergänzung bei der Durchführung ihrer Programme.

Statutes

International Nuclear Societies Council (INSC)

Non-official English version (the official version is in German)

§ 1: Name, Location and Field of Activity

(1) The Association bears the name

“International Nuclear Societies Council”

(2) It is located in

A-2500 Baden, Lower Austria

and is active

in Austria and on a global worldwide level

(3) The establishment of another branch is not planned.

§ 2: Purpose

The International Nuclear Societies Council (INSC), established in 1990, is an organization of learned nuclear societies whose interests are in the development and utilization of nuclear science and technology for peaceful purposes. The INSC aims to foster ongoing cooperation, communication and exchange of information among the world's nuclear societies, undertake joint actions and ensure joint representation where necessary. Specific activities are planned and programmed by the Executive Board and approved by the members (Council) to achieve these aims.

The association, as a non-profit organisation, has the objective:

1. To be a global forum for nuclear societies to discuss and establish common aims and goals.
2. To act as a global Non-Governmental Organization in nuclear matters of international nature.
3. To represent the views and positions of professionals and workers in the nuclear field, channelled through their nuclear societies.
4. To value the work and achievements of the nuclear community worldwide based on ethical principles adopted by the nuclear societies.
5. To increase the operational efficiency of nuclear societies by establishing means for cooperation and complementation in the execution of their programs.

19 May 2022



International Nuclear Societies Council

IBAN: AT96 3204 5000 0204 8031

BIC: RLNWATWWBAD

Bank name: Raiffeisenbank Region Baden

Adress: Raiffeisenplatz 1, 2500 Baden, Austria



1st October 2022

Dear INSC Delegates,

CALL FOR PAYMENT OF 2022 INSC FEE – INVOICE

As you all know, following discussions and decisions during INSC Meetings 01/2021, 02/2021 and 01/2022, the process to officially register the INSC was launched in 2021. Thanks to the efforts of the INSC Executives and the support of WIN-Global, the registration has been done successfully in July. The INSC is now a registered organisation in Austria.

With the registration done, it was then possible to proceed to the opening of a bank account in the name of INSC. Using the opportunity of their participation at the IAEA GC in September 2022 in Vienna, the Treasurer and the Chairman have signed all the necessary documents relating to the opening of the bank account in Austria.

With the bank account now opened, we will proceed to collect the equivalent in Euros of the 200 USD per Delegate on a yearly basis as approved during INSC meetings. As explained and agreed to in the aforementioned INSC Council meetings, the collection will be used to cover limited costs, such as the gift for the winner of the Global Award, renting a meeting room if needed, offering coffee during INSC meetings, etc...

Now that everything has been settled, we kindly ask you to ask your National Nuclear Society to pay **the equivalent in Euros of 200 USD per Delegate** to the INSC Bank Account given below. This would be the contribution for the year 2022. For 2023, a similar request will be sent early next year.

A receipt of payment will be sent to you (or your National Nuclear Society) once the payment is received. The Account to pay to is:

International Nuclear Societies Council
IBAN: AT96 3204 5000 0204 8031
BIC: RLNWATWWBAD
Bank name: Raiffeisenbank Region Baden
Adress: Raiffeisenplatz 1, 2500 Baden, Austria

Many thanks for your speedy action on this.

With best regards.

INSC Chairman Poong Hyun Seong

INSC Secretary Marc Deffrennes

INSC Treasurer Eileen Langegger

7. A Guideline for Position Statements was prepared.

- Mainly contributed by Mr. Steve Nesbit, immediate past president of ANS.
- There had been no guidelines to systematically manage the INSC position statements.
- A Draft Guideline for INSC Position Statements was voluntarily made by Mr. Steve Nesbit.
- The Guideline was adopted by an overall vote that took place from April 3 to May 18, 2022.

International Nuclear Societies Council (INSC) Position Statements Guidelines

May 2022 – Revision D

Purpose

These guidelines describe the desired content of INSC Position Statements. The guidelines also establish the process for creating, revising, retiring and maintaining INSC Position Statements.

Position Statement Content and Style

Position Statements are concise, straightforward narrative statements of the INSC position on public issues. Position Statements typically address scientific and technical issues but they must be written in a manner that is clear and understandable to a non-technical audience (e.g., members of the public). Summary justifications for positions may be included as space allows. Recommendations should be practical and reasonably achievable. References are encouraged but should be carefully selected to be readily available (including internet links), relevant and supportive.

Position statements will be assigned a sequential number (e.g., XX) upon adoption. References to a position statement should refer to the revision and include the date or initial issue or most recent revision. Example: "INSC Position Statement 3, Revision 2 – Nuclear Technology is Good for the Human Race (June 2022).

Position Statements may be accompanied by a Background Information Document (BID). A BID is a separate document that supports the Position Statement. A BID is not required but may be provided to enable inclusion of detailed technical information, discussion of alternatives, etc. The BID must be developed specifically to support the Position Statement; it is not appropriate to simply attach related information that was created for another purpose. As with the Position Statement itself, well-chosen references are encouraged in a BID.

INSC positions on issues should reflect a consensus of INSC member societies. Therefore, positions are expected to be high-level and generally applicable internationally. If specific recommendations for actions are included, those recommendations should be clear and consistent with the remainder of the position statement. Ideally, position statements themselves will be short, about one-half page, and should in no event be longer than a page. If it is necessary or desirable to provide additional information, that should be done with a BID, as described above.

Formatting for position statements should be consistent with the example provided in Attachment 1. Each active position statement entry on the INSC website should consist of the position statement and the BID (if any). The position statement and BID should each be page numbered sequentially.

Creating a New Position Statement

Any member society may propose a new INSC position statement. The member society should provide the INSC officers with a written proposal that includes the following:

1. Position statement topic
2. Position statement scope

8. Three position statements were adopted and published at INSC Website, and two of them are published at the on-going COP27.

- The first one, PS #1, was drafted by Mr. Steve Nesbit, the second one, PS #2, by Dr. Marc Deffrennes and the third one, PS #3, by Prof. Jeong Ik Lee. The publication of two position statements, PS #2 and #3, was arranged by Dr. Marc Deffrennes.
- There were some position statements many years ago from INSC but had not been for a while.
- The three position statements were adopted after two rounds of overall vote. First round overall vote was performed from April 3 to May 18, 2022, and the second round overall vote took place from June 3 to July 20, 2022 after some modifications to the initial Statements based on comments from members.

Second Round Vote for PS #1, PS #2 and PS #3 (AS OF JULY 20, 2022)									
	REGION	MEMBER SOCIETY	# SEATS	DELEGATE	Vote	Vote for PS 1	Vote for PS 2	Review of PS 3	
1	Asia- Pacific	Atomic Energy Society of Japan (*)	1	Tomofumi Yamamoto	O	O	O	O	
2			2	Hisashi Ninokata	O	O	O	O	
3		Australian Nuclear Association (*)	1	Joanne Lackenby	O	O	O	O	
					John Harries (support)				
4		Korean Nuclear Society (*)	1	Poong Hyun Seong	O	O	O	O	
					Jeongik Lee (support)				
5		Nuclear Energy Society, Taipei (*)	1	Henry Hung	O	O	Abstain	Abstain	
6		Chinese Nuclear Society (**)	1	Zhi Wang	O	O	O	Reject	
7	Europe	European Nuclear Society (*)	1	Fernando Naredo	O	O	O	O	
8			2	Valerie Faudon					
9			3	Christian Legrain	O	O	O	O	
10			4	Vladimir Slugen	O	O	O	O	
11			5	Luc Van den Durpel					
12			6	Marc Deffrennes	O	O	O	O	
13	Latin America	Latin American Section of ANS (*)	1	Jorge Spitalnik	O	Reject	Reject	Reject	
14			2	Orpet Peixoto	O	Reject	Reject	Reject	
15			3	Jaime Salas Kurte	O	Reject	Reject	Reject	
16		Argentinian Association of Nuclear Tech (*)	1	Jaime Pahissa Campa	O	Reject	Reject	Reject	
17		Brazilian Association of Nuclear Energy	1	Carlos Henrique Costa Mariz	O	O	O	O	
18		Mexican Nuclear Society (*)	1	Lydia Paredes Gutierrez					
19	North America	American Nuclear Society (*)	1	Past Pres	O	O	O	O	
20			2	Pres	O	O	O	O	
21			3	VP Pres Elect	O	O	O	O	
22			4	Exec Dir. Craig Piercy	O	O	O	O	
23		Canadian Nuclear Society (*)	1	Peter Ozemoyah	O	O	O	O	
24			2	Kamal Verma	O	O	O	O	
25	At-Large	Israel Nuclear Society	1	Ilan Yaar	O	O	O	O	
26		Pakistan Nuclear Society	1	Waqar Ahmad Butt	O	O	O	O	
27		Indian Nuclear Society	1	TBD					
28		Egypt Soc of Nuc Science and Applications	1	TBD					
29		Nuclear Society of Thailand	1	TBD					
30		Women In Nuclear Global	1	Dominique Mouillot	O	O	O	O	
				Martina Etmuss					
					24	20:00:04	19:01:04	18:01:05	

PS #1



INSC Position Statement 1

Integrity of Nuclear Facilities During Times of Conflict

The International Nuclear Society Council (INSC) calls on all parties to respect the integrity and well-being of nuclear facilities at all times, but especially during times of armed conflict. Military actions at nuclear facilities during the Russian invasion of Ukraine highlight the importance of ensuring the physical integrity of nuclear facilities and thereby protecting the public and plant workers from uncontrolled releases of potentially harmful radionuclides. INSC endorses International Atomic Energy Agency (IAEA) Director General Grossi's identification of seven pillars required to ensure the safety and security of nuclear facilities. Those pillars are repeated below.¹

1. The physical integrity of the facilities – whether it is the reactors, fuel ponds or radioactive waste stores – must be maintained.
2. All safety and security systems and equipment must be fully functional at all times.
3. The operating staff must be able to fulfil their safety and security duties and have the capacity to make decisions free of undue pressure.
4. There must be secure off-site power supply from the grid for all nuclear sites.
5. There must be uninterrupted logistical supply chains and transportation to and from the sites.
6. There must be effective on-site and off-site radiation monitoring systems and emergency preparedness and response measures.
7. And finally, there must be reliable communications with the regulator and others.

References

1. "IAEA Director General Calls for Restraint, Reiterates Need to Ensure Safety of Ukraine's Nuclear Facilities and Their Staff," IAEA Director General Rafael Mariano Grossi, March 2, 2022. (<https://www.iaea.org/newscenter/news/iaea-director-general-calls-for-restraint-reiterates-need-to-ensure-safety-of-ukraines-nuclear-facilities-and-their-staff>)

PS #2



INSC Position Statement on Sustainability in the Energy Sector

The concept of sustainability (in energy), rightly at the forefront of people's concerns, is in many instances not properly defined, and therefore misused. In some people's minds, sustainability is limited to environment protection ("green"). This is by far too short seeing.

Energy policy is to be built on three pillars: environment protection (indeed, but also economics and affordability, and security and reliability of energy supply. Each pillar is of importance to contribute to societal sustainability, a larger definition, much more in line with the original concept of Brundtland as "a development that meets the needs of the present without compromising the ability of future generations to meet their own needs".



Depending on individual priorities, one will give more weight to one pillar over the others, but an analysis based on facts and science shows that a balance must be struck between the three. There is no silver bullet, a perfect energy source matching the three pillars all together.

Each individual energy source must be analysed with pro and cons versus the three pillars. But even more, it is the whole energy system, integrating the contribution of the different sources, which must be considered.

The INSC considers that nuclear energy, as a fully decarbonised, affordable, secure and reliable energy source, has to play a major role in a sustainable energy system.

PS #3



INSC Position Statement

Small Modular Reactors

For the purpose of this International Nuclear Society Council (INSC) position statement, small modular reactors (SMRs) are defined as nuclear reactors with power outputs of 300 MWe or less per module and include both light water reactor (LWR) and non-LWR advanced reactors. While the existing nuclear power plants have been successfully supplying carbon free electricity economically and will continue to do so for many countries in foreseeable future, the small size and modular nature of SMRs have potential to meet rapidly changing world carbon free energy demand with improved flexibility.

The smaller size of SMRs means that most systems can be manufactured and assembled in the factory, compared to traditional LWRs, for which a larger fraction of the work must be done on the construction site. As a result of automation, factory fabrication offers an opportunity to achieve high quality, along with repeatability, which can lead to improved standardization and lower costs. SMRs have inherent safety features due to smaller reactor core size permitting reduced emergency planning zones. Thus, SMRs can be located closer to population centers, and the siting flexibility implies that energy can be supplied near the demand, minimizing investment in transmission.

The modular approach permits investment requirements to be more gradual and levelized over the years. Moreover, some SMRs operate at high temperatures and are particularly well-suited for both electricity generation and other energy applications such as process heat and hydrogen production. SMRs are designed for high operational flexibility in addition to reliability, and therefore are able to complement variable renewable energy sources and support society with clean energy.

The International Nuclear Society Council calls on all parties to recognize the near-term opportunity presented by SMRs to provide safe, reliable, clean, and affordable energy to meet the demands of society for clean energy. INSC supports advancing the R&D, testing, regulations, manufacturing capabilities and policies necessary to enable the deployment of first-of-a-kind SMRs, leading to a broad use of standardized reactors and to a possible global deployment of these technologies in the near future. INSC sees that the investment in SMRs is an additional support to the successfully operating, and under construction LWRs, and it is justified by further expanding the role of nuclear energy in the world.

9. INSC New Website was opened.

- Mainly contributed by Mr. Young Ho Chae, a PhD candidate at KAIST, who has been helping Prof. Poong Seong, the INSC chair personally in various things related to INSC.
- There had been INSC Website but it needed to be moved to another server within ANS and needed to be significantly updated.
- The new Website of INSC, <http://inc.host1.ans.org> was updated and launched in May 2022.
- The new Website is continuously being updated.

International Nuclear Societies Council (INSC)



- The International Nuclear Society Council (INSC) is an organization made up of Nuclear Societies from all over the world. Member Societies represent more than 80,000 nuclear professionals.
- INSC acts as a global forum for Nuclear Societies to discuss and establish common aims and goals.
- INSC represents the views of professionals and workers in the nuclear field through their Nuclear Societies.
- INSC was founded on 11th November 1990 by the INSG, an international group of Nuclear Societies.
- INSC holds the Non-Governmental Organization Status of IAEA and UNEP.

10. INSC published four news items through NucNet.

- Two items were about the 12th and 13th INSC Global Awards.
- One item was about the INSC 30 Years Anniversary Celebration Ceremony held on September 22, 2021 during the IAEA GC.
- One item was about the INSC's deep concern about the events taken place in Ukraine Zaporozhye Nuclear Power Plant.

COMMENT & PEOPLE

Global Award / International Nuclear Societies Council Announces 2022 Winner

28 October 2022



SECURITY & SAFETY

Ukraine / International Nuclear Societies Council Expresses 'Deep Concern' Over Events

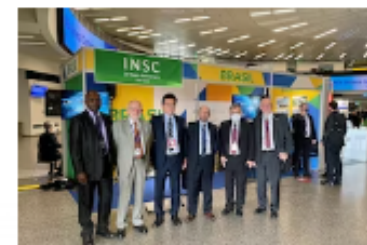
4 March 2022



CONFERENCES & EVENTS

Anniversary / International Nuclear Societies Council Celebrates 30 Years In Vienna

22 November 2021



COMMENT & PEOPLE

Global Award / International Nuclear Societies Council Announces 2020 Winner

1 July 2020



11. 12th and 13th INSC Global Awards were presented to Prof. Shunsuke Kondo in September, 2021 and Dr. William Donald Magwood IV on November 15, 2022, respectively.

- 12th INSC Global Award should have been presented to Prof. Kondo in 2020. Again, due to the Corona virus Pandemic, it was presented to him by ground mail in September, 2021.
- The 13th Global Award was presented to Dr. William Donald Magwood IV on November 15 during the 02-2022 INSC meeting. As Dr. Magwood IV was not able to attend the meeting in person, Dr. Steven Arndt, the president of ANS and an INSC Delegate, received the Award on his behalf.



12. An INSC Report “Vision for Next 50 Years of World Nuclear Energy” is being prepared.

- Mainly led by Dr. Peter Ozemoyah, INSC first vice chair, drafted by Delegates with the help of many from their member societies including Ms. Martina Etmuss for review/comments and Dr. Eileen Langedger with references .
- There has been efforts to publish the report called “Vision for Next 50 Years of World Nuclear Energy” for many years.
- Finally with the help of many contributors from member societies, the final version of the report was decided to be published.

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