

A faint, dark blue world map is centered in the background of the slide, showing the outlines of the continents.

# INVASIVESNET initiative: the International Association for Open Knowledge on Invasive Species

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# **Open international association of experts in biological invasions, also serving as informal network of networks on invasive species**

## **Why it is needed?**

- **experts in this rapidly developing area are not well organized (global professional society is missing);**
- **mechanisms of linking existing expert working groups and networks are lacking;**
- **declining funding of research, management and networking initiatives**

**Needs a sustainable option!**

# History of INVASIVESNET

1. June 2016 – concept paper published in *Management of Biological Invasions*;
2. July – December 2016 – development of statutes of the Association and establishment of Interim International Council;
3. April – May 2017 – elections of first officers (President and two Vice-Presidents) and establishment of first Executive Committee;
4. October 2017 – web site is open

<http://www.invasivesnet.org>

# Bottom-up initiative by concerned scientists, representing five continents: June 2016



Management of Biological Invasions (2016) Volume 7, Issue 2: 131–139

DOI: <http://dx.doi.org/10.3391/mbi.2016.7.2.01>

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Open Access

## Viewpoint

## INVASIVESNET towards an International Association for Open Knowledge on Invasive Alien Species

Frances E. Lucy<sup>1,\*</sup>, Helen Roy<sup>2</sup>, Annie Simpson<sup>3</sup>, James T. Carlton<sup>4</sup>, John Mark Hanson<sup>5</sup>, Kit Magellan<sup>6</sup>, Marnie L. Campbell<sup>7</sup>, Mark J. Costello<sup>8</sup>, Shyama Pagad<sup>8</sup>, Chad L. Hewitt<sup>7</sup>, Justin McDonald<sup>9</sup>, Phillip Cassey<sup>10</sup>, Sidinei M. Thomaz<sup>11</sup>, Stelios Katsanevakis<sup>12</sup>, Argyro Zenetos<sup>13</sup>, Elena Tricarico<sup>14</sup>, Angela Boggero<sup>15</sup>, Quentin J. Groom<sup>16</sup>, Tim Adriaens<sup>17</sup>, Sonia Vanderhoeven<sup>18</sup>, Mark Torchin<sup>19</sup>, Ruth Hufbauer<sup>20</sup>, Pam Fuller<sup>3</sup>, Mary R. Carman<sup>21</sup>, David Bruce Conn<sup>22</sup>, Jean R.S. Vitule<sup>23</sup>, João Canning-Clode<sup>24</sup>, Bella S. Galil<sup>25</sup>, Henn Ojaveer<sup>26</sup>, Sarah A. Bailey<sup>5</sup>, Thomas W. Theriault<sup>5</sup>, Renata Claudi<sup>27</sup>, Anna Gazda<sup>28</sup>, Jaimie T.A. Dick<sup>29</sup>, Joe Caffrey<sup>30</sup>, Arne Witt<sup>31</sup>, Marc Kenis<sup>32</sup>, Maiju Lehtiniemi<sup>33</sup>, Harry Helmisaari<sup>33</sup> and Vadim E. Panov<sup>34</sup>

**Lucy et al. 2016**

DOI: <http://dx.doi.org/10.3391/mbi.2016.7.2.01>

> 1750 reads on **ResearchGate**  
(record number of reads for single article  
on biological invasions)

## **Our mission:**

**Facilitation of greater understanding  
and management of biological invasions by:**

- **creating a global network of networks for development of open knowledge and open data on invasive species;**
- and**
- **transfer of this knowledge to all interested stakeholders**

## **Our objectives (1):**

- deliver excellent open knowledge and open data on biological invasions and invasive species to all interested stakeholders . This will occur via publication of thematic open access journals and informational support of existing open databases on IAS (priority objective);**

## INVASIVESNET objectives (2-4):

- develop technical tools for collection, management and dissemination of information on IAS;
- create an effective virtual communication platform on IAS-related issues for all interested stakeholders;
- support thematic international meetings;



## INVASIVESNET objectives (5-8):

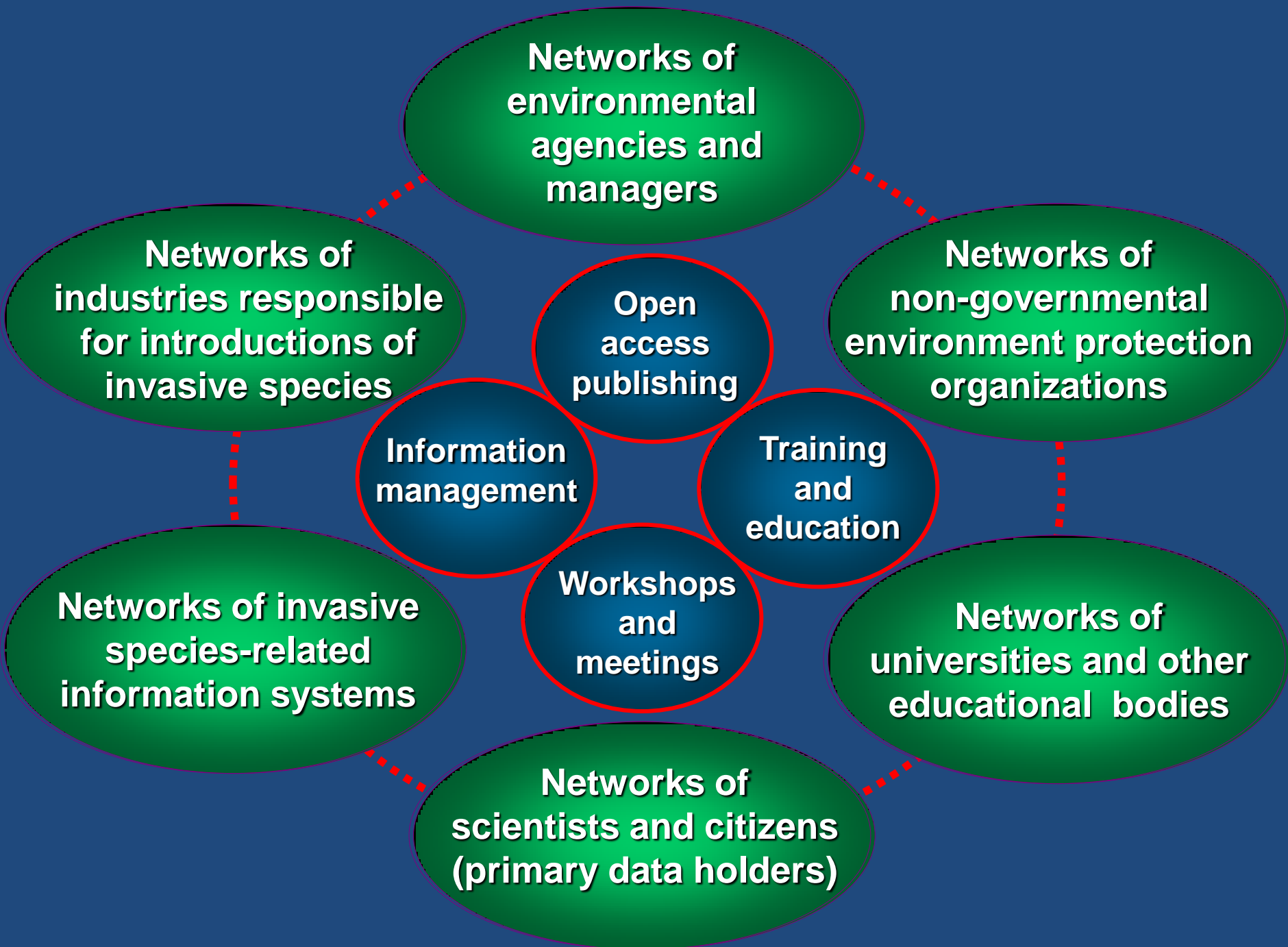
- support education and training on IAS science and management;
- support citizen science related initiatives;
- Target industries and companies to develop effective solutions of IAS-related issues;
- recommend how legislation is implemented, such as the Nagoya protocol, so that such instruments support research on IAS.



A dark blue world map is centered in the background of the slide. The continents are shown in a lighter shade of blue, providing a global context for the text.

**INVASIVESNET :**

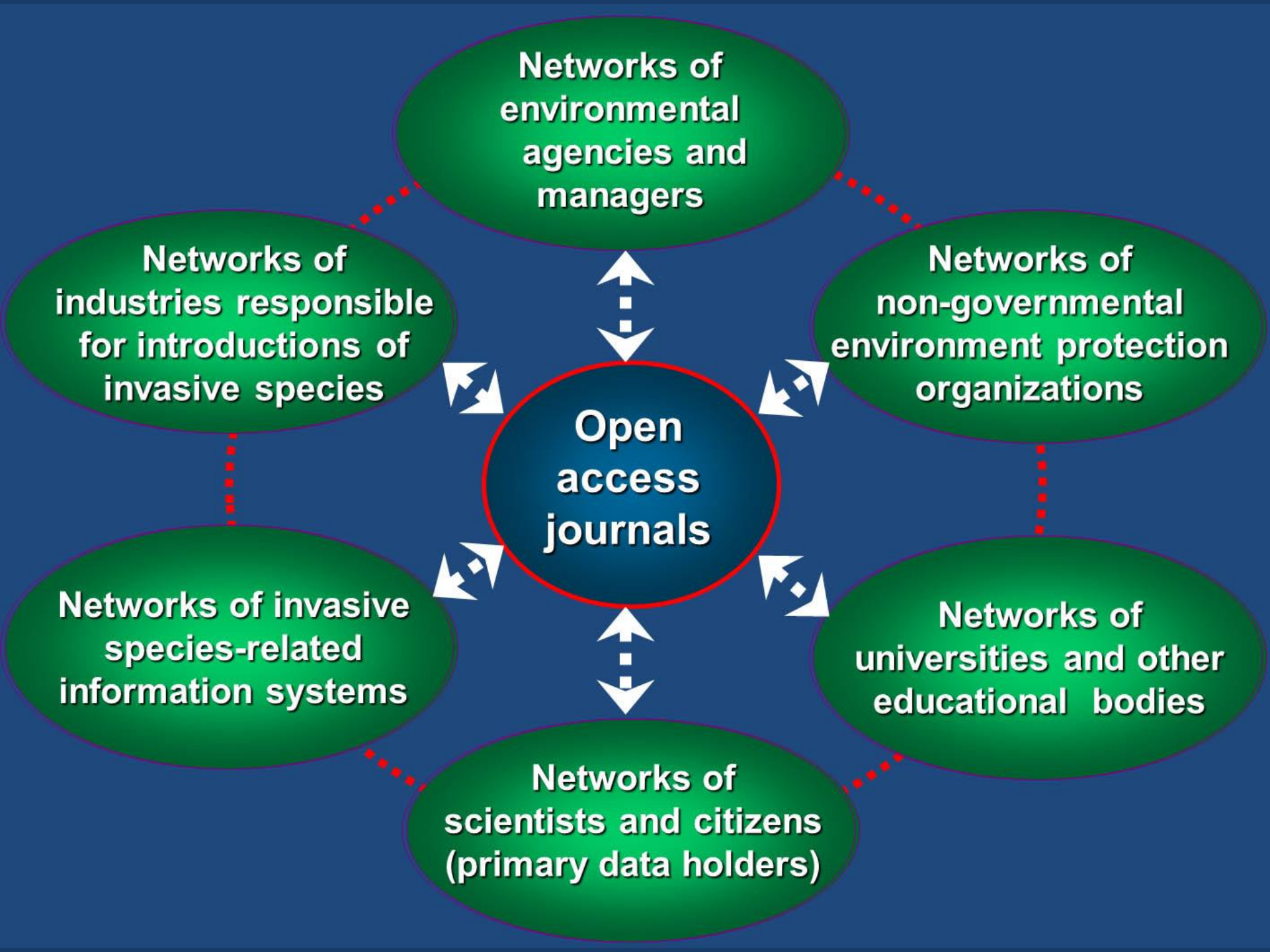
**Services for experts, database managers  
and other networks**



A faint, light blue world map is visible in the background of the slide, centered behind the text.

**INVASIVESNET core element:**

**Open access journals as effective instruments  
for information collection and dissemination**



**Official Journals of INVASIVESNET:**  
*Aquatic Invasions, BioInvasions Records and  
Management of Biological Invasions*

**Global informal network of editors**





# Aquatic Invasions and Management of Biological Invasions – official journals of ICAIS



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PREVIOUS CONFERENCES | PROCEEDINGS | LINKS

OCTOBER 22 TO 26, 2017  
MARRIOTT CORAL SPRINGS  
FORT LAUDERDALE, FLORIDA

2017 CONFERENCE

2017 PROGRAM

REGISTRATION

PARTNERS

COMMITTEE

TOURIST INFO

MEDIA

CONFERENCE PROCEEDINGS

## Conference Proceedings

PUBLICATIONS



The Regional Euro-Asian Biological Invasions Centre (REABIC) is again the official publisher of papers presented at the 20th International Conference on Aquatic Invasive Species, being held October 22-26, 2017 at the Marriott Coral Springs Hotel, Fort Lauderdale, Florida. **CLICK HERE** for link to *REABIC journals*. During 2008-2016 ICAIS proceedings were released in a timely manner as special issues of the international open-access journal *Aquatic Invasions and Management of Biological Invasions*.

You are invited to submit your ICAIS paper to *REABIC journals* for peer review. The tentative manuscript submission deadline is November 30, 2017, but earlier submissions are very welcome. Accepted manuscripts will be published online immediately after submission of proofs corrections from authors as part of special issues of *Aquatic Invasions and Management of Biological Invasions*.

Please note that the publisher provides 20% discount for article processing cost for ICAIS papers accepted for publication in *Aquatic Invasions and Management of Biological Invasions*.

For additional information, please contact Dr. Andrew David (Guest Editor of the special ICAIS 2017 issue of *Aquatic Invasions*, e-mail [adavid@clarkson.edu](mailto:adavid@clarkson.edu)) and Dr. Sarah Bailey (Guest Editor of the special ICAIS 2017 issue of *Management of Biological Invasions*, e-mail [Sarah.Bailey@dfo-mpo.gc.ca](mailto:Sarah.Bailey@dfo-mpo.gc.ca))

Proceedings of previous conferences may be obtained as follows:

[http://www.icaais.org/html/pubs\\_proceedings.html](http://www.icaais.org/html/pubs_proceedings.html)

# INVASIVESNET Website



International Association  
for Open Knowledge  
on Invasive Alien Species

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INVASIVESNET suggests how international legislation on invasive species can be implemented effectively. [Read more](#)

Deballasting ship, Brazilian coastal waters. Photo credit: Neil Johnston

## New INVASIVESNET Members

- ✓ European Research and Information Network on Aquatic Invasive Species (ERNAIS)

[The Network web page](#)

INVASIVESNET - THE GLOBAL NETWORK OF NETWORKS ON INVASIVE SPECIES

<http://www.invasivesnet.org>



# INVASIVESNET Website



<http://www.invasivesnet.org>

## MORE ABOUT INVASIVESNET



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## INVASIVESNET - THE GLOBAL NETWORK OF NETWORKS ON INVASIVE SPECIES

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#### History

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## INVASIVESNET History

In 2016 leading scientists from five continents have come together to propose the concept of developing an International Association for Open Knowledge and Open Data on Invasive Species—termed “INVASIVESNET”. This new association will facilitate greater understanding and improved management of invasive alien species (IAS) and biological invasions globally, by developing a sustainable network of networks for effective knowledge exchange. In addition to their inclusion in the CBD Strategic Plan for Biodiversity, the increasing ecological, social, cultural and economic impacts associated with IAS have driven the development of multiple legal instruments and policies. This increases the need for greater co-ordination, co-operation, and information exchange among scientists, management, the community of practice and the public (Lucy et al. 2016).

[http://www.invasivesnet.net/about/about\\_history/](http://www.invasivesnet.net/about/about_history/)

# INVASIVESNET Website – *Member Workspace*



## INVASIVESNET Individual Member Workspace

Type of Membership  
Status of Membership

Regular individual member  
Active



Frances E Lucy BSc (Hons) Zoology, MSc Aquaculture, PhD  
Environmental Science

### My Organizations:

Institute of Technology, Sligo  
(not member of INVASIVESNET)

INVASIVESNET PROFILE

Personal Profile Manager

Network Services Management

### Latest News and Highlights

31/12/1969

[ICMB-X - 10TH INTERNATIONAL  
CONFERENCE ON MARINE  
BIOINVASIONS, OCTOBER 16-18, 2018,  
PUERTO MADRYN, ARGENTINA](#)

...

31/12/1969

[ICBI-2017 - THIRD INTERNATIONAL  
CONGRESS ON BIOLOGICAL  
INVASIONS, NOVEMBER 19-23, 2017,  
HANGZHOU, CHINA](#)

...

[All INVASIVESNET News >](#)

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Review and update your personal information



Review and update your expertise information



Review and update your organization information



Review and update your address



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Latest News and Highlights

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Status of Membership

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Frances E Lucy BSc (Hons) Zoology, M  
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INVASIVESNET PROFILE

Personal Profile Manager

Network Services Management

## Personal Profile

Review and update your registration information

Review and update your personal information

Review and update your expertise information

Review and update your organization information

Review and update your address

## Review and update your expertise information

I would like to serve as  
editor for INVASIVESNET  
journal:

- ☐ Aquatic Invasions
- ☐ BioInvasions Records
- ☐ Management of Biological Invasions
- ☒ No

Reviewing experience  
(journal titles):

Biological Invasions, Biological Conservation, Hydr

I would like to serve as  
reviewer for INVASIVESNET  
journal:

- ☒ Aquatic Invasions
- ☒ BioInvasions Records
- ☒ Management of Biological Invasions
- ☐ No

I agree with release of my  
expertise information for  
public use:

- ☒ Yes
- ☐ No

UPDATE



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on Invasive Alien Species

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## INVASIVESNET - THE GLOBAL NETWORK OF NETWORKS ON INVASIVE SPECIES

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### Individual Member Profile

#### Prof. Frances E Lucy

Head of Department of Environmental Science  
Environmental Science  
Institute of Technology, Sligo  
Ireland

Email: [lucy.frances@itsligo.ie](mailto:lucy.frances@itsligo.ie)

#### Position in the INVASIVESNET

President  
Regular individual member  
International Council Member  
Executive Committee Member



#### Expertise Keywords

Inland waters in Ireland and  
Western Europe  
*Dreissena polymorpha*  
*Cryptosporidium* spp.

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INVASIVESNET PROFILE

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Network Services Management

Select Service:

# INVASIVESNET Website – *Member Workspace*



## INVASIVESNET Individual Member Workspace

Type of Membership  
Status of Membership



INVASIVESNET PROFILE

Personal Profile Manager

Select Service:

### INVASIVESNET services

- Publication Services

- Thematic Mailing Lists

- Data Management

- Guidelines for Management

- Experts Database

- Training and Education

- Conferences and Workshops



# INVASIVESNET *Events*

**Call for expressions of interest** for participation in a proposed special session at the 34th SIL Congress in Nanjing, China from 19th to 24th August 2018.

## **The past, present and future of biological invasions in inland waters**

Please contact Kit Magellan

**([kitmagellan@gmail.com](mailto:kitmagellan@gmail.com)) by November 10th 2017**



We are inviting expressions of interest for participation in a proposed special session at the 34th SIL Congress in Nanjing, China from 19th to 24th August 2018. A brief outline of the special session proposal can be found below. For more information on the congress see: <http://www.sil2018.com>

Title: **The past, present and future of biological invasions in inland waters**

Abbreviated Abstract: Biological invasions are one of the greatest threats to biodiversity, particularly in aquatic ecosystems. Invasions of inland waters can have significant impacts on native species and ecosystems. Understanding of past invasion events can aid with the management of present invasions and prevention of future occurrences. Aquatic ecosystems themselves evolve via global influences, such as climate change, and more localized effects, such as habitat alteration, with associated consequences for aquatic invasions. Prediction of future impacts is gaining momentum in invasion ecology as effective long term conservation measures require knowledge of the past events leading up to current impacts and likely future effects. In this special session we aim to integrate past, present and future biological invasion events and impacts to gain insight into the steps necessary for successful conservation.

Please send a title and a brief (2-3 sentences) outline of what you plan to present to Kit Magellan ([kitmagellan@gmail.com](mailto:kitmagellan@gmail.com)), with SIL SS as the subject, by November 10th 2017.

**<http://www.invasivesnet.org/events/>**

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