

ICES and Biological Invasions ICES WGITMO and ICES/IOC/IMO WGBOSV

Stephan Gollasch

GoConsult

Hamburg, Germany

www.gollaschconsulting.de

Content

- History and Terms of Reference for
 - ICES WGITMO
 - ICES/IOC/IMO WGBOSV
- Selected publications based upon the groups' work
- Thoughts for consideration of PICES

History of WGITMO

- First meeting in early 1970
- Consecutive meetings since 1978
- Chairmen
Carl Sinderman (1978-1990),
Jim Carlton (1991-2000),
Stephan Gollasch (since 2001)
- Key item update ICES on
species movements
- Key instrument
“National Reports”

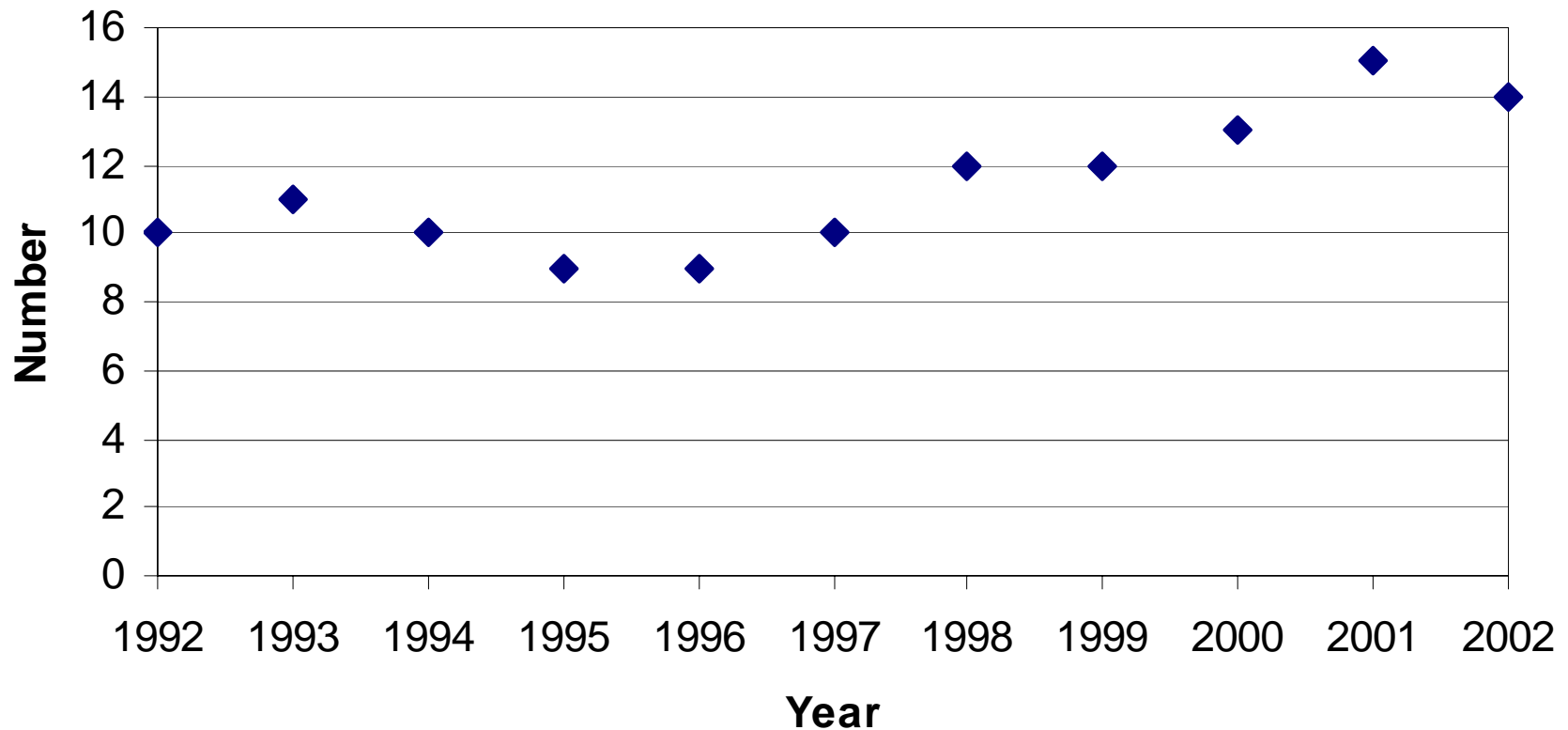


25th
Anniversary
Meeting in
Vancouver,
Canada 2003



Number of National Reports submitted to WGITMO

National Reports



ToRs of WGITMO

- Current Terms of Reference include
 - update on previously introduced species
 - review proposals for planned introductions
 - report accidental releases and their ecological and economical consequences
 - develop report on rapid response and control options
 - plan Aliens Species Alert Reports
 - develop risk assessment guidelines
- WGITMO reports to the ICES Marine Habitat Committee and Advisory Committee of the Marine Environment

History of WGBOSV

- First meeting in 1997 as SGBWS, renamed to SGBOSV to better address non-ballast vectors in shipping. Since 2003 WGBOSV
- Chairmen Jim Carlton (1997-2000), Stephan Gollasch (since 2001)
- Meets back to back with WGITMO
- “Mini-symposium” format until 2004
- Workshop format from 2005



ToRs of WGBOSV

- Current Terms of Reference include
 - review and report on the status of ballast water research
 - review Codes of Best Practice for Ballast Water Management (OSPAR, HELCOM, GloBallast)
 - risk assessment of ship mediated invaders
 - techniques for the rapid detection of non-indigenous species
- WGITMO reports to the ICES Marine Habitat Committee and Advisory Committee of the Marine Environment

ICES Code of Practice

- This task triggered the “birth” of WGITMO
- The code covers Introductions and Transfers of Marine Organisms
- Several updates (1994, 2002)
- Updated version including GMOs - to be published soon
- Avoid un-intentional introductions releases (non-target species)



International Council for the Exploration of the Sea
Conseil International pour l'Exploration de la Mer

ICES
Code of Practice
on the
Introductions and
Transfers of
Marine Organisms
1994

Code
de Conduite
du CIEM pour
les Introductions
et Transferts
d'Organismes Marins
1994

Publications I

- Status of Introductions of Non-indigenous Marine Species to North Atlantic Waters 1981 - 1991
 - covers plants (with an emphasis on *Caulerpa taxifolia*), invertebrates and fish
 - information provided is based upon “National Reports” prepared for WGITMO Meetings
- A status report covering 1992-2002 is in preparation by WGITMO and should be ready soon

Publications II

- Alien Species Alert Reports
 - “Alien Species Alert: *Rapana venosa* (veined whelk)”, prepared by WGITMO, published in 2004
 - “The intentional introduction of the marine Red King Crab *Paralithodes camtschaticus* into the Southern Barents Sea”, prepared by WGITMO, final version submitted in 2004
- Invasion vectors report
 - “Vector pathways and the spread of exotic species in the sea“, prepared by WGITMO and reviewed by WGBOSV, final version submitted in 2004

The ICES-PICES linkage on Biological Invaders

- Close cooperation on biological invaders is seen as mutually beneficial
- Information pathways are well established as:
 - PICES representatives are on the mailing list of WGITMO and WGBOSV
 - PICES representatives attend WGITMO and WGBOSV meetings since 2003
 - ICES representatives attend PICES Annual Meetings
 - ICES representatives are on the mailing list of relevant PICES bodies

Thoughts for consideration of PICES

- A strong and efficient regional network is a key issue when dealing with biological invasions.
- A global network is also needed as invaders may originate in non-PICES member countries
- Consider to join ICES/IOC/IMO WGBOSV as parent committee. The geographic coverage of the group is not limited to ICES-Member countries
- Establishment of a working group dealing with ship-mediated invaders in PICES (not focus HABs only)
- Follow the ICES Code when planning species introductions

A dark, rainy night scene. On the left, a large, dark, textured structure, possibly a tunnel entrance or a large pipe, dominates the foreground. A bright, white, conical light beam emanates from the bottom of this structure, illuminating the wet ground. In the background, a series of small, bright lights recede into the distance, suggesting a road or tunnel. On the right side, a red and white triangular road sign is visible, partially cut off by the edge of the frame. The overall atmosphere is dark and moody, with the rain adding a sense of texture and movement.

Thank you very much
for your attention !

sgollasch@aol.com

www.gollaschconsulting.de