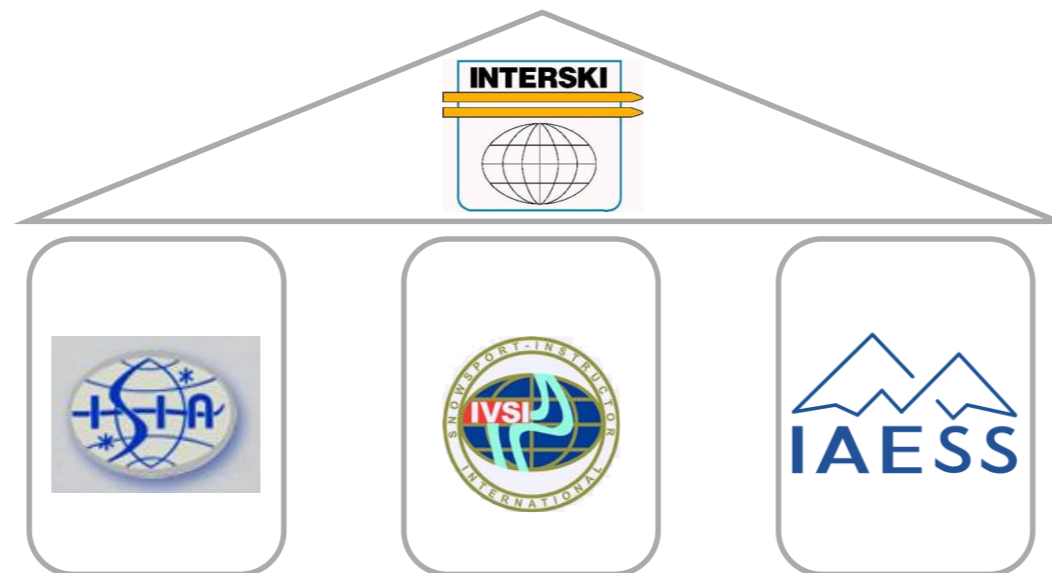


International Association Education and Science in Snowsports

Who We Are – What We Do



welcome



welcome and crosscheck member countries of IAESS

full members with official status



Argentina



Australia



Austria



Belgium



Bosnia



Bulgaria



Canada



Chile



Croatia



Denmark



Germany



Great Britain



Japan



Lithuania



Montenegro



Netherlands



Poland



Romania



Serbia



Slovenia



Spain



Sweden



Switzerland



USA

extraordinary members



University of Nis



University of Zagreb

members of board



*Vanessa Mann
Uni Gießen (GER)
Gen. Secretary IVSS*



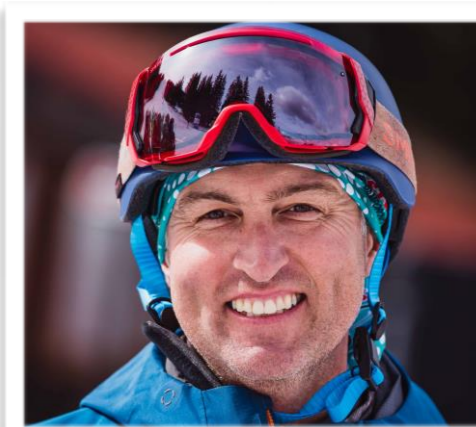
*Åsa Tugetam (PhD)
Linnaeus Uni (SWE)*



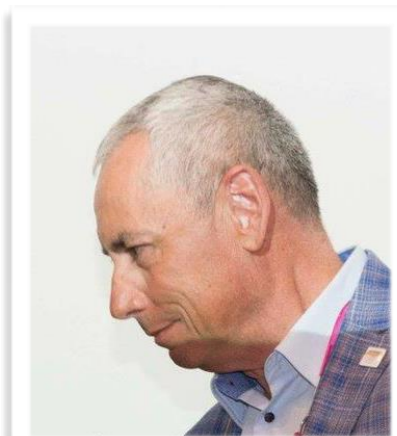
*Prof. Pete Allison (PhD)
Pen State Uni (US / GB)
Vice President IVSS*



*Prof. Rado Pisot (PhD)
ZRS Koper (SLO)*



*Dave Schuiling
Dir. Education PSIA (US)*



*Prof. Petar Iankov
Uni Sofia (BUL)*



*Gerhard Angerer
Bildungsdirektion AT (AUT)*



*Peter Mall
St. Anton Tourism (AUT)
Treasurer IVSS*

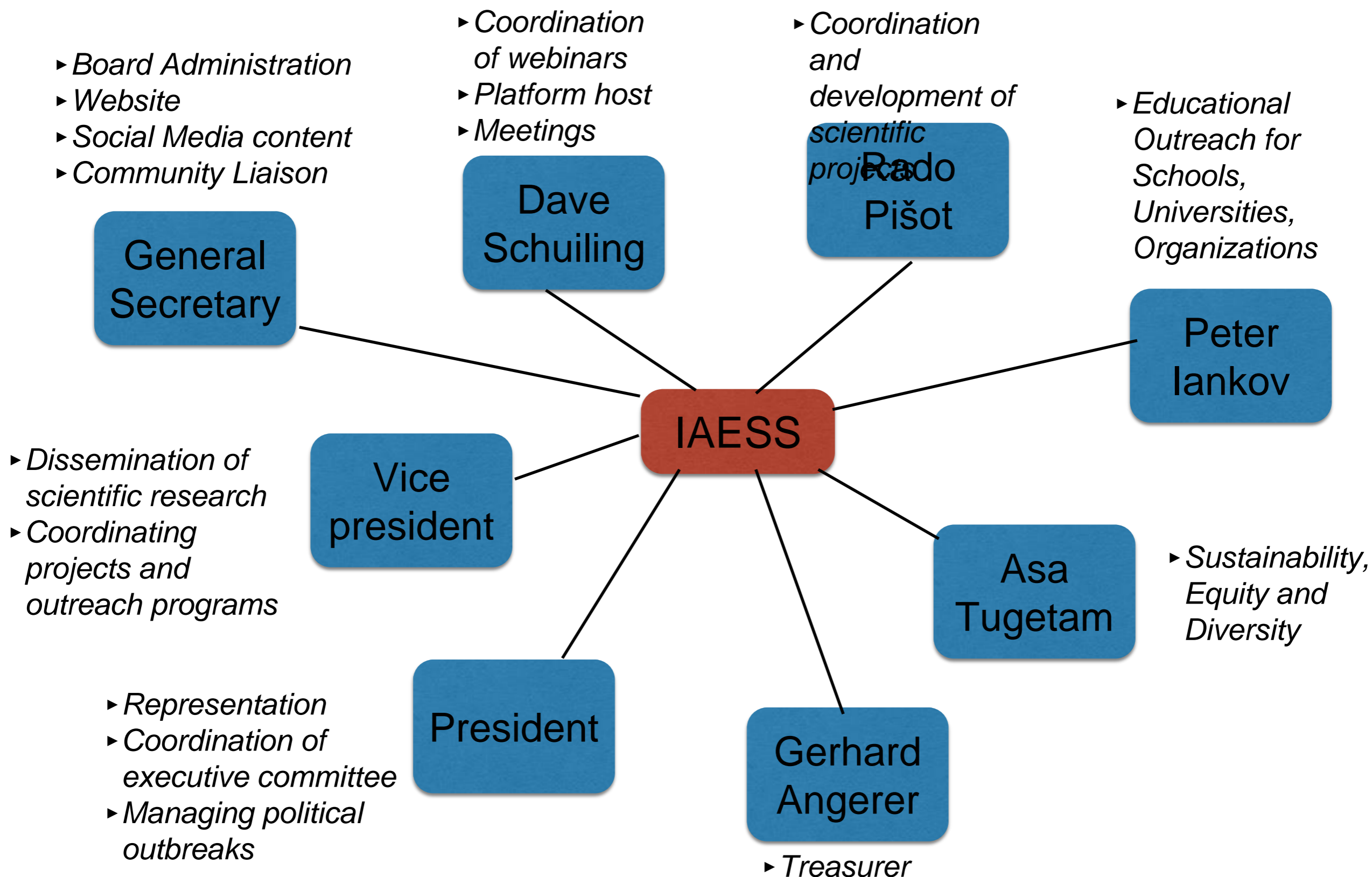


*Dieter Bubeck (Dr.)
Uni Stuttgart (GER)
President IVSS*



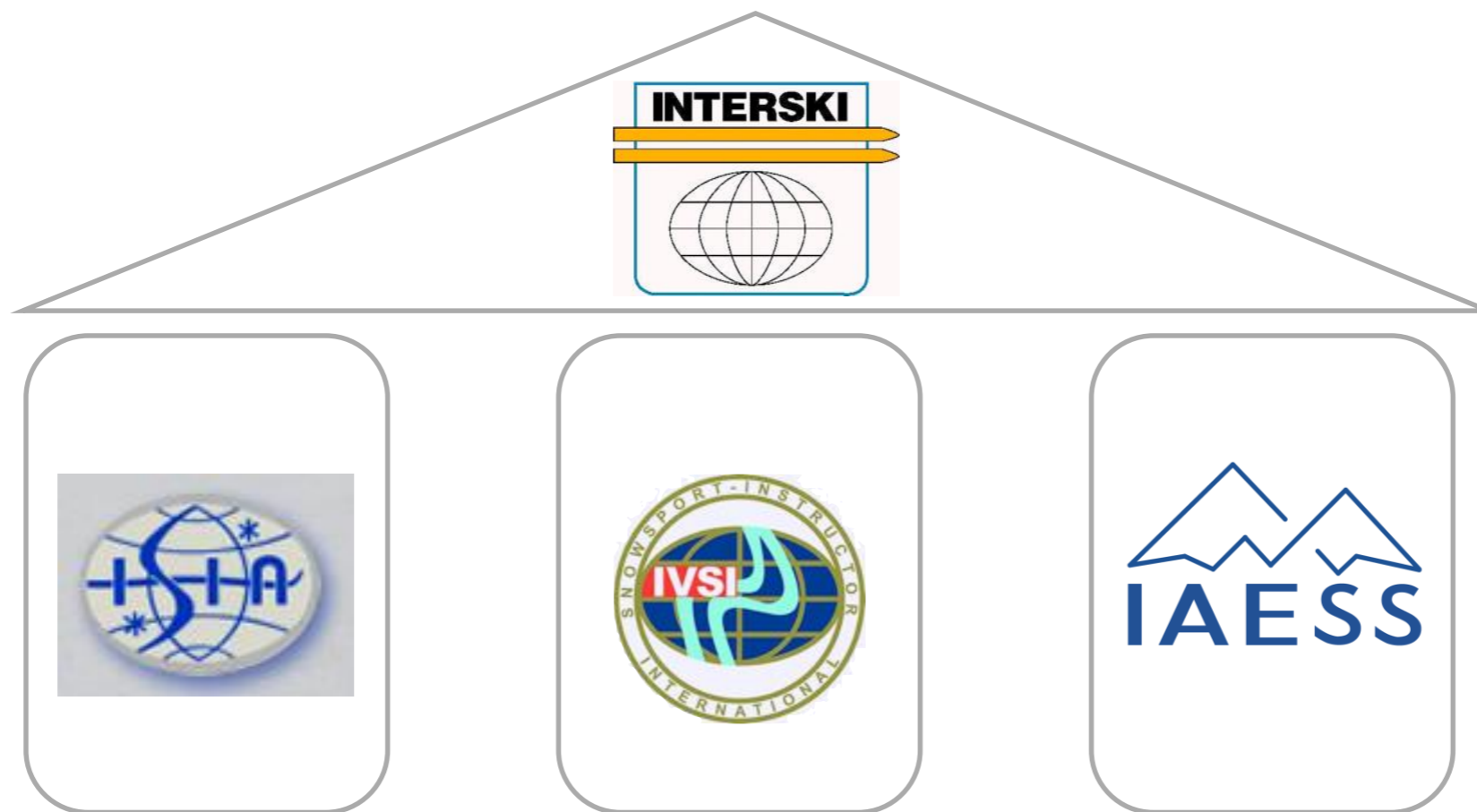
*Klas Astrand
Linnaeus Uni (SWE)
Honorary President IVSS*

Structure of executive committee



Our mission is to contribute to the development of snowsports in educational systems and to bridge the gap between theory and practice -

„Where science meets practice“



- IAESS' main goal is to bridge the gap between science and practice – thus to combine our scientific expertise with proven approaches of teaching
- Our role is to stay away from politics & create a network that fosters international collaboration between all stakeholders, levels of expertise and contributing to the ongoing development of the ski industry
- Create a platform of international scientific exchange with access to e.g. infographics, webinars, peer reviewed papers etc.
- Ensure continuous growth in the scientific landscape and practical development of projects
- Educate and disseminate scientific findings
- Liaising within IAESS family and new members to grow the network and platform of scientific exchange and collaboration

Webinars:

- organize worldwide online seminars - reaching over 1500 people !
 - Ron LeMaster (US): „Rethinking Movement Analysis“
 - Rado Pisot (SLO): „Basic Steps of Motor Learning in Alpine Skiing“
 - Mike McClure / Andreas Thomann(IRE/GER): „ENOS and Benefits of outdoor sports“
 - Asa Tugetam (SWE): „Learning through snowsports“
 - Heidi Ettliger (USA): „International collaboration and collective best practices for the professional development of women in Snowsports“
 - Ron Kipp (USA): „What is good skiing“
 - Jas Bruce et al. (GBR): „The structure and post brexit structure of BASI“
- To be continued

IAESS - ERASMUS+ project



Co-funded by the Erasmus+ Programme of the European Union



EASY
Educational,
Accessible,
Simple,
Youthful
Approach to Skills
Acquisition in Skiing



SKI EASY



Co-funded by the Erasmus+ Programme of the European Union

provide
*Infographics:
 database of
 scientific work on
 homepage*

ADAPTIVE DOWNHILL SKIING IN CHILDREN WITH CEREBRAL PALSY: EFFECT ON GROSS MOTOR FUNCTION Sterba, J. (2006)

PURPOSE

To measure the effect of a 10-week adaptive downhill skiing program on gross motor function in children with spastic cerebral palsy.

SAMPLE

Children with spastic cerebral palsy who are ambulatory (n = 5). Age: 4 - 12 years

METHODS

Design: Repeated Measures
 Measures: Gross Motor Function Measure Dimensions A-E and Gross Motor Function Measure Total (GMFM-total)
 Independent Variable: 10-week Adaptive Skiing Program

5 Weeks Before Start of Program Week 10 10 Weeks After
 1 Week Before Week 5 5 Weeks After

MAJOR FINDINGS

The 10-week Adaptive Skiing Program resulted in an increase in gross motor skill function beyond students' regular therapy.

- Walking, running, and jumping had statistically significant improvements at the conclusion of the program. 4.6%
- Standing had statistically significant improvements after the 10th week, 5 weeks after the program, and 10 weeks after. 5.4% 4.4% 4.9%
- GMFM-total had statistically significant improvements after the 10th week, 5 weeks after the program, and 10 weeks after. 3.2% 3.2% 3.1%

IMPLICATIONS

Adaptive downhill skiing could be clinically recommended to help improve overall gross motor function and improve specific dimensions

Outcomes of a skiing program on level and stability of self-esteem and physical self in adults with spinal cord injury BARRIN & MINOT (2008)

PURPOSE

To determine the short-term impact of a 1-week skiing program on the level and stability of self-esteem and physical self for a group of adults with spinal cord injury.

METHODS

Sample: Adults with spinal cord injury (n = 10)
 Design: Time Series Analysis
 Measure: Physical Self Inventory
 Intervention: 1-week adaptive skiing program

Before During After

RESULTS

	Increase	Stabilization
Level	Global Self-esteem	Physical Condition
Subdomain	Physical Self-worth	Sport Competence
	Perceived Endurance	Physical Strength
	Physical Appearance	
	Sport Competence	

IMPLICATIONS

The adaptive ski program provides opportunities to modify, improve, and stabilize self-perceptions in individuals with spinal cord injuries.

FUTURE RECOMMENDATIONS

There is a need for longitudinal and individual approach to the study of self-perception level and stability in persons with spinal cord injuries.

Barrin, J. & Minot, G. (2008). Outcomes of a skiing program on level and stability of self-esteem and physical self in adults with spinal cord injury. International Journal of Rehabilitation Research, 31(1), 59-64.

PennState College of Health and Human Development SKI TEAM

interested in holding an online seminar or providing an infographic?

www.IAESS.org

Homepage: www.iaess.org

Facebook: ivss

Instagram: iaessski



IAESS plans, projects, strategy & opportunities



Including the wishes from our members' conference in Levi the following areas will be our main focus in the next term:

1. Sustainability

- Sign the United Nations Sports for Climate Action Declaration
- Educate ourselves and our members through the collaboration with ENOS
- Calculate and – if needed - compensate



2. DEI

- Based on BASI proposal at INTERSKI we created a working group
- Agree on outputs (definition, objectives, commitments) that all member countries are willing to sign
- Encourage countries to develop and publish a plan with measurable goals...

3. Webinars and Scientific Research

- Continue our webinar series – new: countries will present their structure in a first webinar. Get involved by sharing best practices and/or scientific research projects / practical projects & approaches
- Create a Database of studies, research and publications suitable and useful for snowsport and based on scientific research
- Get members involved through polls, research project options / PhD topics, projects, online discussion forums, Webinars

- *Access to peer reviewed scientific articles, findings and best practices through our developing database*
- *Collaborate with other international snowsport enthusiasts and experts*
- *Be part of a network that embraces a sustainable snowsport in every facet*
- *Free webinars*

How can you contribute?

- *Sharing your insight, knowledge, expertise with the IAESS family*
- *Help grow and expand our network in the southern hemisphere to open great opportunities for all for international collaboration*
- *Share scientific research / interesting approaches*
- **GET INVOLVED**

The IAESS philosophy:

✓ Where Science meets Practice

*✓ Promote Snowsports in Schools and Universities
(future generations)*

*✓ Share ideas and good practices while spreading the joy of
skiing into the world*

✓ Be a role model for sustainability, integrity, diversity and equity

✓ Establish IAESS and INTERSKI as integral worldwide organizations

*✓ Develop communication and collaboration between organizations
and countries*

