

FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

Presented by the FIG Working Week 2019,
April 22-26, 2019 in Hanoi, Vietnam

"Geospatial Information for a Smarter Life
and Environmental Resilience"



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Women in surveying – today and tomorrow

Monika Przybilla

Regional Association Ruhr (Regionalverband Ruhr)

Essen – Germany

DVW

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OECD Organization for Economic Cooperation and Development

2018 annual education report was focused on
equity in education

- Increase of women studying in STEM degree courses (Science, Technology, Engineering, Mathematics)
- Average proportion of women studying a science subject is 31%
- Denmark, Iceland, Italy and New Zealand: more than 35% first-year female students

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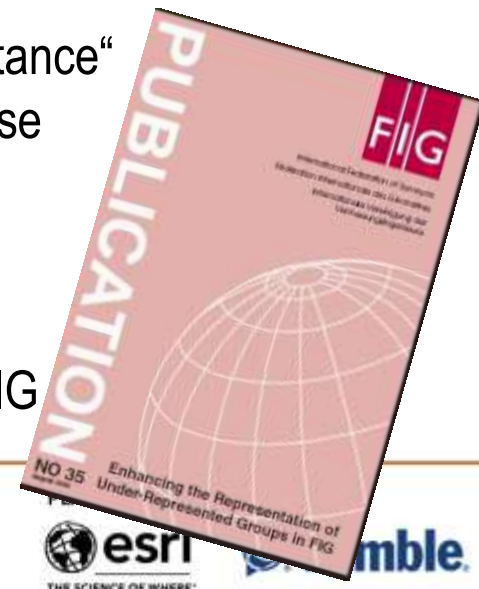
FIG – „Women in the surveying profession“ since Sofia, 1983

- ✓ 1993 "Surveying - a (fe)male profession"
at the FIG Congress in Melbourne, Jutta Reinhardt
- ✓ 1996 Task Force on "Under-represented Groups in Surveying"
1998 – 2002 chaired by Gabriele Dasse
- ✓ 1998 "Women in Surveying – the long way to acceptance"
at the FIG Congress in Brighton, Gabriele Dasse

FIG Working Week 2001, Seoul, Korea 6–11 May 2001 Gabriele Dasse

2006 FIG PUBLICATION NO. 35

Enhancing the Representation of Under-Represented Groups in FIG



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Women in the German Association of Surveying DVW

Established a women`s working group in 1989

- ✓ 1997 5 % female members in DVW
 4 % female members in working groups of DVW

- ✓ 2014 14 % female members in DVW
- ✓ 2017 16 % female members in working groups of DVW

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Women in DVW in Germany

Goals and activities

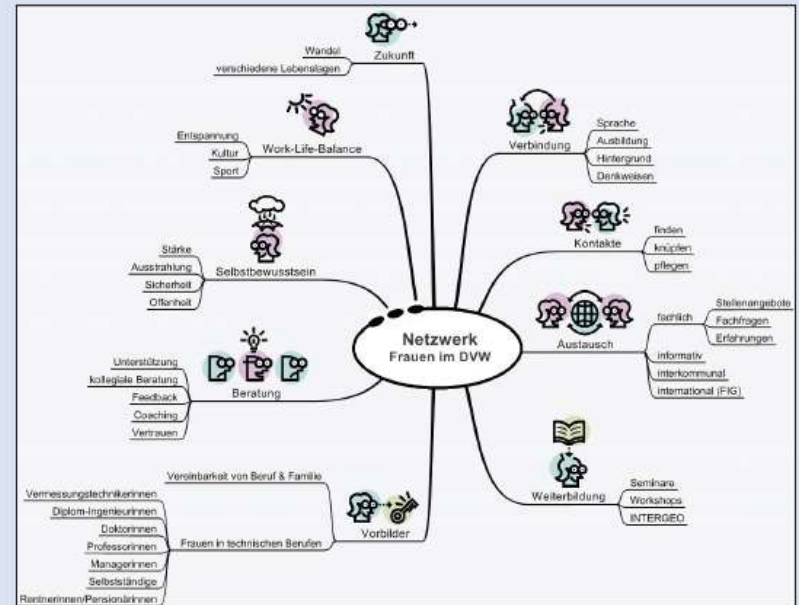
Ziele & Aktivitäten

„Frauen im DVW“ ist ein bundesweites, berufliches Netzwerk von und für Frauen im Vermessungswesen.



Ein Netzwerk für alle

Alle Ziele und Vorteile unseres Netzwerks für die Frauen im Vermessungswesen zeigt die nachstehende Abbildung.



© 2016
 (1) Vorstellung FIG-Such auf der INTERGEO 2014
 (2) Netzwerkmitglied am INTERGEO-Stand
 Fotos: Robert Lehmann, Berlin
 Gestaltung: Daniela Klahn, Offenbach

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25 years women in surveying / DVW in Germany



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Women in DVW in Germany

- German Association of Surveying (DVW), women's network in the field of the surveying profession
- Arranged panel discussions and presentations with female aspects during INTERGEO
- Built up a database for mentoring and supporting the female members
- Support the DVW booth in the exhibition area during INTERGEO



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Female surveyors in Germany

- ✓ 1990 No female chartered surveyor at all

- ✓ 2018 < 10% licenced female surveyors
 - Balancing family and work commitments
 - Rough and hard work outside – job for men only ?
 - Lack of women as best practice/ standard

More possibilities in spatial industry, GIS applications, geodata, data processing and further on



Source: NRM Netzdienste Rhein-Main GmbH, Frankfurt

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Country	Female surveyors
USA, SWE	13 %
Turkey, Colak FIG 2018	12 – 14 %
UK, RICS 2016/17	14 - 15 %
Australia, New Zealand 2011/2018	10 %

2017/18 (VDI, Association of German Engineers)

Female students at universities in engineering sciences 25 %

Female students at universities in classic mechanical engineering 10 %

Female students at universities in surveying 30 %

University of Hanoi (1.500 students) estimated <30 %

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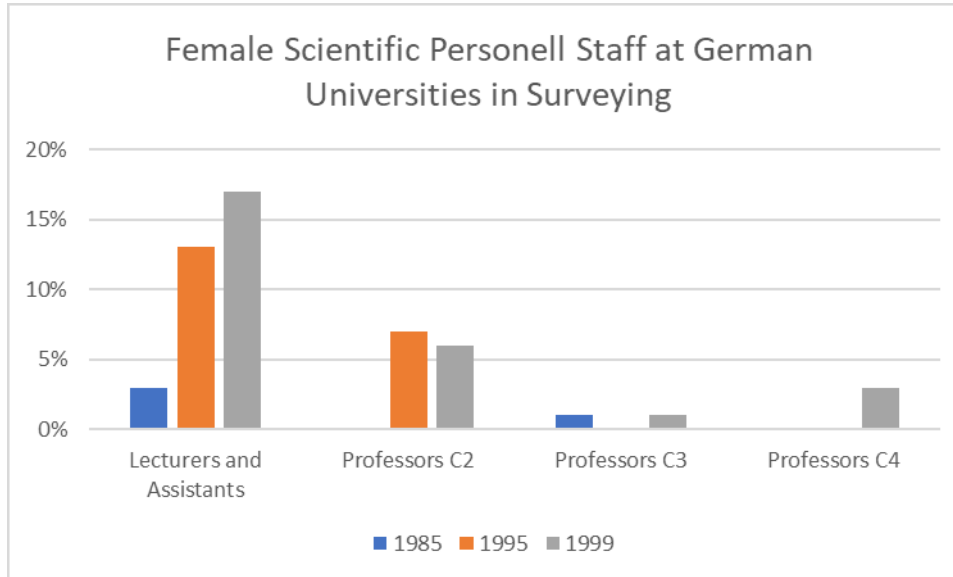




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Germany 2018:
Female scientists in surveying/geodesy 13 %

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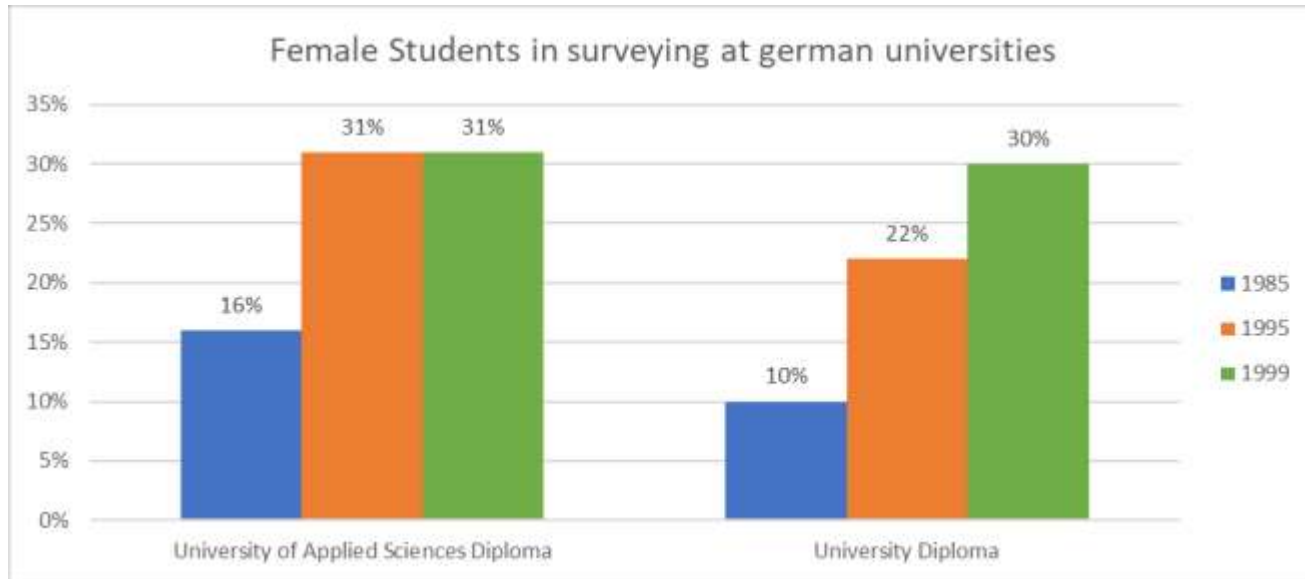
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Situation 20 years ago



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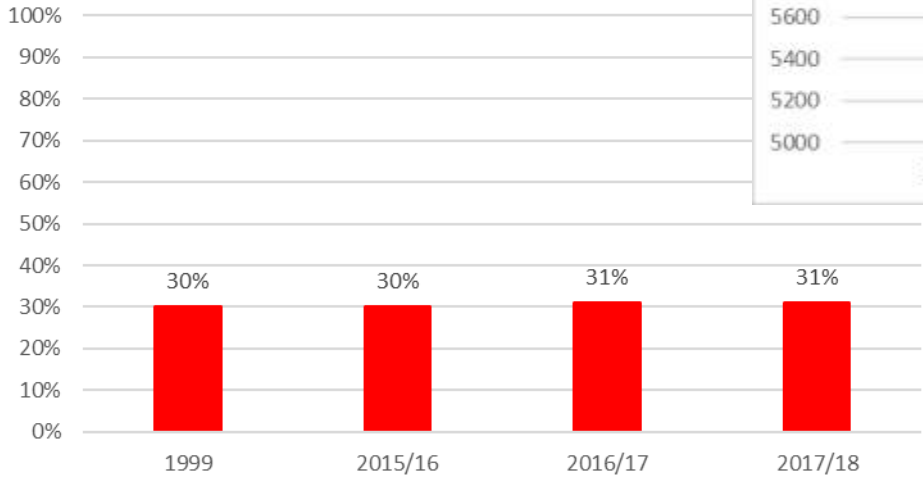
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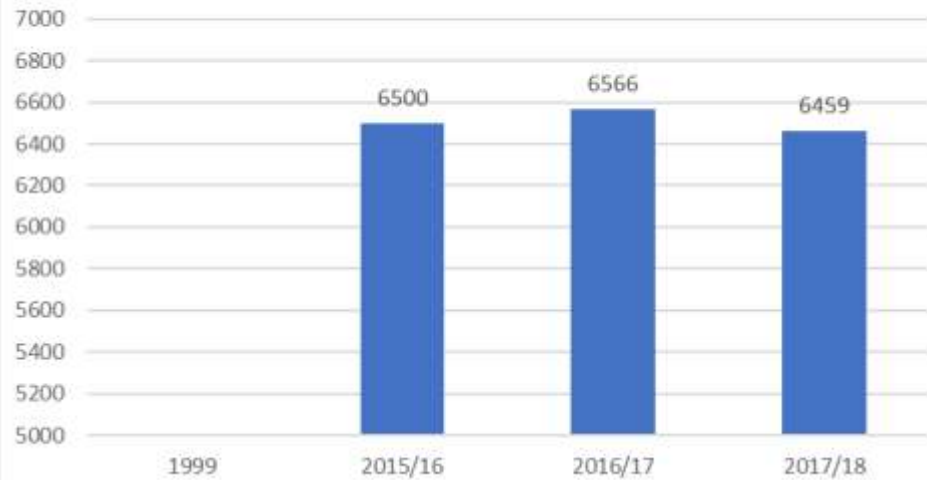


Situation currently

Female students in surveying



Number of students in surveying overall



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Women in surveying – today and tomorrow?



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Women in surveying - today and tomorrow

Thank you very much for your attention!

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