

Modern Geodetic Space Techniques for Global Change Monitoring

Status and news of DAADThematic Network

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University of Stuttgart

Second Workshop of DAAD Thematic Network

24-28 July 2018, Luxembourg



Agenda

- DAAD Thematic Network Program
 - General Information
 - Model and construction
 - Project goals and measures
- Status and Activities (in 2017 and 2018)
- News and Continuous Development

DAAD Thematic Network Program

General information (1)

Program line B: Thematic Networks (TN)

Projekt ID: 57173947

Project Leader

Prof. Dr.-Ing. Nico Sneeuw, University of Stuttgart

Project Coordinator

Dr.-Ing. Jianqing Cai, University of Stuttgart

Partners

- Wuhan University (WHU), Wuhan, China
- Tongji University (TJU), Shanghai, China
- University of Luxembourg (ULUX), Luxembourg
- Chinese Academy of Surveying and Mapping (CASM), Beijing, China
- Deutsches Geodätisches Forschungsinstitut (DGFI), Technical University Munich, Germany

General information (2)

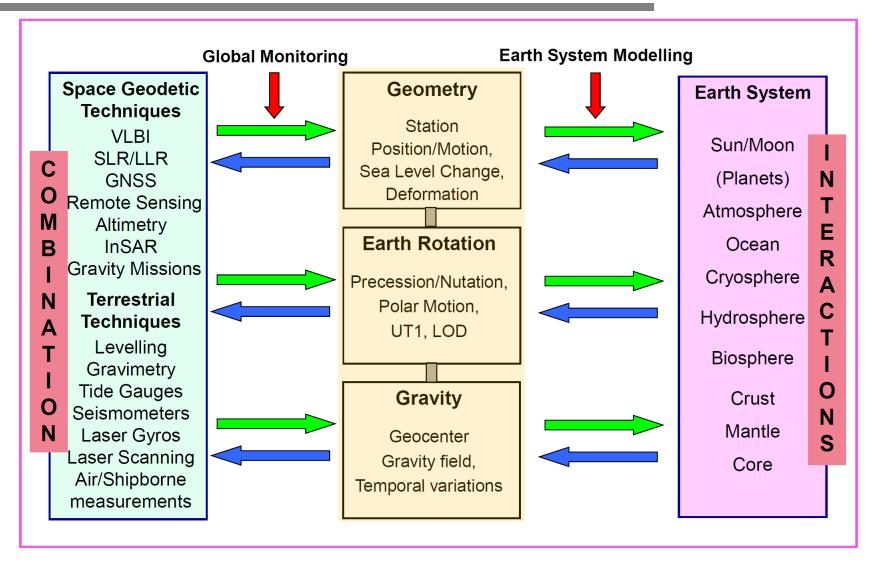
Co-Pls from Partner institutions:

- Prof. Dr. Jiancheng Li, School of Geodesy and Geomatics, WHU
- Prof. Dr. Xiaohua Tong, College of Surveying and Geoinformatics, TJU
- Prof. Dr. Hanjiang Wen, CASM, Beijing
- Prof. Dr.-Ing. Florian Seitz, DGFI, TUM
- Prof. Tonie van Dam, Geophysics Laboratory, ULUX

Proposers and Co-Pls from University of Stuttgart:

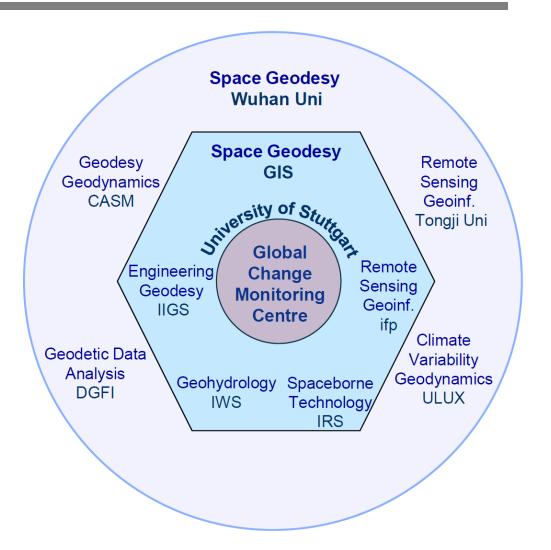
- Prof. Dr.-Ing. Nico Sneeuw, PI, Institute of Geodesy
- Prof. Dr.-Ing. Volker Schwieger, Institute of Engineering Geodesy
- Prof. Dr.-Ing. Uwe Sörgel, Institute for Photogrammetry
- Institute of Navigation
- Prof. Dr.-Ing. András Bárdossy, Institute for Modelling Hydraulic and Environmental Systems
- Prof. Dr.-Ing. Stefanos Fasoulas, Institute of Space Systems

Global Geodetic Observing System



Monitoring and modelling the components of Earth's system by space geodetic techniques (modified from Rummel, Rothacher and Beutler, 2005)

Model and construction: Network



Establishment of a multilateral and multidisciplinary Thematic Network *Modern Geodetic Space Techniques for Global Change Monitoring*

Project characteristics

- Overall DAAD-funded budget ca. 1 M€
- Considerable matching funds from Wuhan University
- Project lifetime: 2015–2018
- DAAD: No funding of research positions
- Funding for exchange of
 - Teaching personnel
 - Young researchers (PhD, PostDoc)
 - Students (BSc, MSc)
 - University officials
- Note: funding for two-way (!) exchange

Project goals

- Supporting the internationalization strategy of the University of Stuttgart aiming at improving the quality of teaching and research
- Establishment of the planned competence center "University of Stuttgart Global Change Monitoring Centre"
- Joint publications on the basis of cooperative researchs
- Preparation of proposals for e.g. DFG-funded "SFB international", "International Research Training Groups" and international joint research project in the longer term

Status and activities

Activities in 2017

- Second Network Meeting in Stuttgart with 10 representives from Wuhan University and Tongji University
- Second group of 2 outgoing students for study and research visit to University of Luxemburg and Wuhan university
- Joint researches at University of Stuttgart during longer stay of 7 visiting professors from CASM, WHU and Tongji University
- DAAD TN Uni-Stuttgart Delegation visit to China, April 2017
- First Summer School in Yichang, China, July 2017
- Participation of the Geodetic Week/INTERGEO in Berlin
- Longer visits of university personnel (2) including representatives from European partners to China
- Prepared and submitted the extension proposal for subsequent funding (2019-2020) within the DAAD Thematic Network Program

DAADTN Summer School in Yichang, China



DAAD TN Summer School, 24. - 28.07.2017 in Yichang, China

DAADTN Summer School in Yichang, China



DAADTN Summer School in Yichang, China



DAAD TN Summer School, 24. - 28.07.2017 in Yichang, China

Joint publications and Projects

Publications:

- 1. Chang X, Yu K, Li J and Li Y (2017): Estimating snow density for a snow-covered CORS station field by GNSS-IR, submitted to IEEE Transactions on Geoscience and Remote Sensing.
- 2. Chao N and Wang Z (2017): Characterized Flood Potential in the Yangtze River Basin from GRACE Gravity Observation, Hydrological Model, and In-Situ Hydrological Station, Journal of Hydrologic Engineering, Vol. 22 (9): 05017016, doi: 10.1061/(ASCE)HE.1943-5584.0001547
- 3. Gao Z, Ge M, Shen W, Li Y, Chen Q, Zhang H, and Niu X (2017): Evaluation on the impact of IMU grades on BDS + GPS PPP/INS tightly coupled integration, Advances in Space Research, Vol.60, 1283-1299, doi:10.1016/j.asr.2017.06.022
- Gao Z, Ge M, Shen W, Niu X (2017): Ionospheric and receiver DCB-constrained multi-GNSS single-frequency PPP integrated with MEMS inertial measurements, Journal of Geodesy, 2017(8). Doi: 10.1007/s00190-017-1029-7
- 5. Gao Z, Shen W, Zhang H (2016): Application of Helmert Variance Component Based Adaptive Kalman Filter in Multi-GNSS PPP/INS Tightly Coupled Integration. Remote Sensing. 2016. 8(7).
- Gu H, Li H, Li Y, Liu Z, Blaschke T and Soergel U (2017): An Object-Based Semantic Classification Method for High Resolution Remote Sensing Imagery Using Ontology. Remote Sensing 2017, 9(4), 329, doi: 10.3390/rs9040329
- 7. Jiang W, Yuan P, Chen H, Cai J, Li J, Chao N and Sneeuw N (2017): Annual variations of monsoon and-drought detected by GPS: A case study in Yunnan, China, Scientific Reports 7 (1), Article Number 5874, doi:10.1038/s41598-017-06095-1, published online 19 July 2017
- 8. Jin Y, Jin T, Li J, Cai Z, Chao N, Xu X (2017): The spatiotemporal influence of ENSO on terrestrial water storage change in the Yangtze River basin, submitted to Water (Journal)
- Ke B (2017): Optimal Gaussian low pass filtering radius selection for determination the offshore sea surface height with Jason-2 data. GEOMATICS AND INFORMATION SCIENCE OF WUHAN University, accepted
- Ke B, Zhang L, Wang W et. al. (2017): Method of Construction Gravity Anomaly in Coastal Region of China Using Cryosat-2 Altimetric and Shipborne Data. Journal of Tongji University, Vol. 45(10): 1531-1538, doi: 10.11908/j.issn.0253-374x.2017.10.016

- 11. Lin Y, Ji H, Sneeuw N and Ye Q (2017): Optimization of ELM Classification Model for Remote Sensing Image Based on Artificial Fish-swarm Algorithm, Journal of Agricultural Mechanization, Vol. 48(10), 156-164, doi:10.6041/j.issn.1000-1298.2017.10.019
- 12. Lin Y, Li W, Yu J and Wu C (2017): Quantitative Analysis of Ecological Sensitivity of Tourism Scenic Spots Based on Remote Sensing Image A Case Study of Chaohu Lake Scenic Spot, Journal of Tongji University, accepted
- 13. Lin Y, Ye Z Cai J and Sneeuw N (2017): Spatio-temporal analysis at the Dongtan Wetland with machine vision based on sequence of remote sensing data, Landscape and Urban Planning, accepted
- 14. Liu H (2017): Study of Determining the GOCE Satellite Gravity Field Based on Torus Approach, Acta Geodaeticaet Cartographica Sinica, accepted
- 15. Shen Z, Shen W B, Zhang S (2016): Formulation of geopotential difference determination using optical-atomic clocks onboard satellites and on ground based on Doppler cancellation system, Geophysical Journal International, 2016, 206(2): 1162-1168, doi: 10.1093/gji/ggw198
- 16. Shen Z, Shen W B, Zhang S (2017): Determination of Gravitational Potential at Ground Using Optical-Atomic Clocks on Board Satellites and on Ground Stations and Relevant Simulation Experiments[J]. Surveys in Geophysics, 2017, 38(4):757-780, doi:10.1007/s10712-017-9414-6
- 17. Wang B, Li J, Liu C and Yu J (2017): Generalized total least squares prediction algorithm for universal 3D similarity transformation. Advances in Space Research, 2017, 59(3): 815-823, doi:10.1016/j.asr.2016.09.018
- 18. Wen H, Huang Z, Wang Y, Liu H, and Zhu G (2016): Independent Component Analysis of Water Storage Changes Interpretation over Tibetan Plateau and Its Surrounding Areas, Acta Geodaeticaet Cartographica Sinica, 2016, 45(1): 9-15. doi:10.11947/j.AGCS.2016.20140447
- 19. Xu G, Xu C, and Wen Y (2017): Sentinel-1 observation of the 2017 Sansefid earthquake, northeastern Iran: rupture of a blind reserve-slip fault near the Eastern Kopeh Dagh, submitted to Tectonophysics.
- 20. Xu X, Jiang W, ZHANG Xiao-Min (2017): Analyze the Ability of Recovering the Global Gravity Field of a New Satellite Gravimetry System. Chinese Journal of Geophysics, accepted.
- 21. Xu X, Zhao Y, Reubelt T, Tnezer, R. (2017): A GOCE only gravity model GOSG01S and the validation of GOCE related satellite gravity models. Geodesy and Geodynamics, 2017, 8(4):260-272, doi: 10.1016/j.geog.2017.03.013
- 22. Zhong S, Xu C, and Yi L (2017): Focal mechanism of three moderate -magnitude earthquakes in central Italy in 2016 obtained by near-field high-rate GPS and broadband seismometer waveforms, submitted to GPS Solutions.
- 23. Zou X, Jin T, Zhu G (2016): Research on the MASCON method f or the determination of local surface mass flux with Satellite-Satellite Tracking technique. Chinese Journal of Geophysics 2016, 59(12), 4623-4632, doi: 10.6038/cig20161223

Joint Projects with Wuhan University

Joint Projects:

Wuhan University:

- NSFC Project (Grant No.41774019) "Key Technologies Research on Surface Mass Transport in the Earth system based on μm Level GEO/GNSS-LEO High-Low Satellite-to-Satellite Tracking" (01/2018-12/2021), Project leader: Prof. Dr. Zhengtao WANG, School of Geodesy and Geomatics (SGG), Wuhan University, China. Project participants from University of Stuttgart: Dr. Jianqing Cai and other Professors and researchers together with graduates.
- DAAD Project-related Personnel Exchange with China (PPP-China) Project (Project-ID: 57317774) "Automatic multi-sensor early warning system at the Three Gorges Dam" (2017-2018), a joint project between School of Geodesy and Geomatics (SGG), Wuhan University and Institute of Engineering Geodesy (IIGS), University of Stuttgart, approved in 12.2016 by DAAD and CSC.
- ESA (European Space Agency) and MOST (Ministry of Science and Technology of China) Dragon 4 Cooperation program "Monitoring Lake Level Variations over the Qinghai-Tibet Plateau by Consistent Multi-Satellite Altimetry" (2016-2020), a joint research project with SGG, Wuhan University
- 4. MOE (Chinese Ministry of Education) International Cooperative Joint Research Laboratory Program "Joint International Research Laboratory of Modern Geodesy and Geodynamics", a joint Application by Wuhan University submitted on 11.07.2017 to MOE, European institutions of our Thematic Network been involved as cooperative partners in the joint laboratory

Joint Projects with Tongji University and CASM

Tongji University:

- 5. NSFC (National Natural Science Foundation of China) Project (Grant No. 41771449) "Research on Water Volume Variation Estimation for Large Lake and Spatio-temporal Analysis Using Multisource Satellite Data" (01/2018-12/2021), Project leader: Prof. Dr. Yi LIN, College of Surveying and Geo-informatics (CSG), Tongji University, China. Project participants from University of Stuttgart: Prof. Dr. Nico Sneeuw, Dr. Jianqing Cai and other researchers together with graduates.
- 6. DFG-NSFC Project (Joint Sino-German Research Program 2017) "Theoretical and algorithmic developments to improve the Precise Point Positioning (PPP) regarding consistency, systematic bias and convergence speed with Multi-frequency and Multi-GNSS" (Submitted on April 6, 2017 at the DFG, in the assessment process), a joint project with CSG, Tongji University, China.

CASM (Chinese Academy of Surveying and Mapping):

- 7. MOST National International Science and Technology Cooperation Base Program "National International Cooperation Research Center for Geodesy and Geoinformation" (2016-2020), University of Stuttgart is integrated to this program
- 8. SAFEA (State Administration of Foreign Experts Affairs, China) Project (Grant No. SN20170464002) "High accurate ubiquitous positioning technology for urban indoor and outdoor environments" (07/2016-12/2020), a joint project with CASM, China

DAAD Thematic Networks measures in 2018

1. Quarter 2018	Network meeting	Stuttgart	Professors, coordinator, researchers, university administrators of all thematic network partner institutions	12
2. Quarter 2018	Longer visit	Peking, Shanghai, and Wuhan China	German Professors, senior Researchers coordinator	6
2. Quarter 2018	Study and research visits	Shanghai and Wuhan, China	Fourth group US BSc and MSc Students and PhD candidates	10 (3 in 2016, 2 in 2017)
2. Quarter 2018	Study and research visits	Stuttgart	Third group Chinese BSc and MSc Students and PhD candidates	6
2018	Workshop	Stuttgart Luxemburg	Professors, coordinator, researchers, and students of all thematic network partner institutions	12
October 2018	Conference participation	China	German professors, senior researchers and PhD Students	6

DAADTN granted expenses after funding measures(1)

	2015	2016	2017	2018
Network meetings, short visits (up to 14 days) of univ	versity perso	nnel		
20 participants of foreign partner institutions (12 from China) per meeting to US				
	7.476		7.476	7.476
Exchange and coordination visits of US Professors and coordinator to partner countries wi				:h 4- (2015)
and 3-member delegation per year*				
	6.000	750	4.500	4.500
Workshops / summer schools				
10 foreign graduates and 2 junior researchers of foreign partner institutions per summer sch				ool to US
		14.700		14.700
10 German students, graduates and 2 junior researchers per summer school to partner insti				utions
			15.180	
Longer visits of university personnel (14 days to six months)				
6 German professors and researchers per year at partner institutions				
	16.464	16.464	16.464	16.464
5 (2015-2017) Chinese partner professors and researchers per year at US				
	23.625	23.625	23.625	

in Euro

DAADTN granted expenses after funding measures(2)

	2015	2016	2017	2018
Study and research visits for students, graduates and	l junior resea	rchers (up to	six months	
5 (2015) and 10 German scholarship holders per year to partner Institutions				
	29.575	59.150	59.150	59.150
6 scholarship holders of partner Institutions per year to US				
	18.750	18.750		18.750
Conference participation				
8 (2016) and 6 (2018) German participants per year to the conference in the partner countries				es
		8.888		11.424
6 participants of foreign partner institutions per year to the conference in Germany				
	3.738		3.738	
Conference fees		3.280		1.200

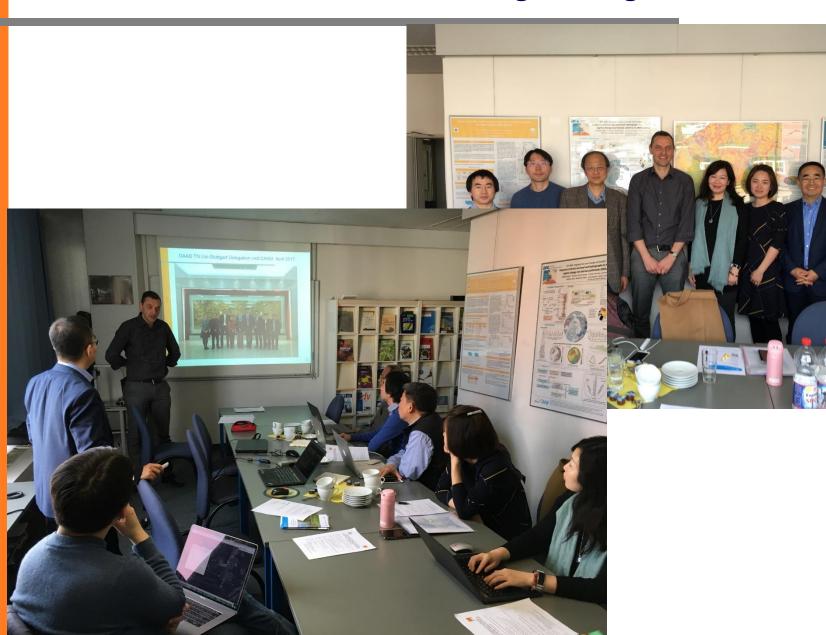
in Euro

Activities in 2018

University of Stuttgart and Partner Institutions:

- Exchange and coordination visit (Prof. Sneeuw, Dr. Cai and other colleages) to China in March/May 2018
- Recommendation/selection of the 10 candidates (students and PhD Students or junior researchers) for study and research visits to China in 2018
 - The candidates can be from all disciplines related to our thematic network
- Joint organization the Workshop in July 2018, Luxemburg
- Longer visits of university personnel (6) including representatives from European partners to China
- Chinese partner Institutions (CASM, WHU and Tongji):
 - Selection of the 6 (1+3+2) candidates for study and research visits (until 6 months) to US in 2018
 - Organization of 12 (3+5+4) participants to Network Meeting
 - Organization of 12 (3+5+4) participants to Workshop

DAADTN Fourth Network Meeting, Stuttgart, March 2018



Exchange visit to CASM in May 2018



Second Workshop of DAADTN in Luxemburg

- ➤ Workshop for an exchange on the state of research for projects within the Thematic Network in Stuttgart with representatives of all partner institutions and interested students
- > 30 Participants: professors and graduate students of partner Institutions from China (18), Germany (9) and Luxemburg (3)
- > Ca. 30 oral presentations on five different topics:
 - Satellite Altimetry
 - Positioning, Navigation and Reference Systems
 - Satellite Gravimetry and Enabling Technologies
 - Remote Sensing and Photogrammetry
 - Applications for Global Change Monitoring
- 24.-28. July, 2018, Luxembourg

News and Continuous Development of the Thematic Network

very positively evaluated and recommended by DAAD advisory committee (02.2018)

DAAD Funding Internationalization Programme "Strategic Partnerships and Thematic Networks"

- First call in 2012: 117 applications, 21 winners, 11 extended! Second call in 2014: 89 applications, 28 winners, 14 will be extended
- Each has a project budget of up to 125.000 € p.a. for two years (2019-2020)
- Sponsored by the Federal Ministry of Education and Research (BMBF)



DAAD

Deutscher Akademischer Austauschdienst German Academic Exchange Service

Referat P13

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28.02.2018

Thematische Netzwerke ab 19 Ihr Antrag auf Förderung für das Projekt: "Modern Geodetic Space Techniques for Global Change Monitoring" vom 01.12.2017

Sehr geehrter Herr Professor Sneeuw,

die zuständige Auswahlkommission des DAAD, die aus ehrenamtlich tätigen Hochschullehrern und Hochschullehrerinnen besteht, hat sich ausführlich mit Ihrem Antrag auf Förderung im oben genannten Programm befasst und ihn eingehend nach den in der Ausschreibung genannten Kriterien geprüft.

Wir freuen uns, Ihnen mitteilen zu können, dass Ihr Antrag von der Auswahlkommission als förderungswürdig eingestuft wurde.

Bitte beachten Sie, dass wir in Ihrem Finanzierungsplan ggf. einige Kürzungen und/oder Korrekturen vornehmen müssen. Hierzu setzen wir uns in den nächsten Tagen mit Ihnen in Verbindung. Hinweis: Die Kommission empfiehlt, das Ziel des Double Degrees auf MA-Ebene weiter zu verfolgen.

Der Zuwendungsvertrag inklusive eines Begleitschreibens und aller relevanten Anlagen wird Ihnen über das DAAD-Portal zugesandt.

Für Rückfragen stehen wir Ihnen gerne zur Verfügung.

Mit freundlichen Grüßen

Birgit Siebe-Herbig Referatsleitung Dieses Schreiben wurde maschinell erstellt und ist ohne Unterschrift gültig.



Deutscher Akademischer Austauschdienst German Academic Exchange Service

Zuwendungsvertrag

zwischen

dem Deutschen Akademischen Austauschdienst (DAAD) e.V., Kennedyallee 50, 53175 Bonn, vertreten durch die Generalsekretärin, diese vertreten durch Birgit Siebe-Herbig

- Zuwendungsgeber-

und

Universität Stuttgart, vertreten durch den Rektor der Hochschule, Herrn PROF. DR.-ING. Wolfram Ressel, Keplerstraße 7, 70174 Stuttgart, diese vertreten durch den/die Unterzeichnende/n

Anrede

Titel

Name

Vorname

Funktion

- Zuwendungsempfänger-

Höhe der Zuwendung

Der DAAD bewilligt dem Zuwendungsempfänger aus Mitteln des Bundesministeriums für Bildung und Forschung eine nicht rückzahlbare Zuwendung zur Projektförderung in Höhe von

bis zu 249.866.00 Euro

(in Buchstaben: zweihundertneunundvierzigtausendachthundertsechsundsechzig Euro).

Die Zuwendung verteilt sich auf die jeweiligen Haushaltsjahre wie folgt:

2019 125.000,00 Euro 2020 124.866,00 Euro

DAAD grant announcements on 28.02.2018 Project ID. 57421148

Continuous Development of the Thematic Network Modern Geodetic Space Techniques for Global Change Monitoring

Partner universities and academies

Wuhan University	School of Geodesy and Geomatics	WHU
Wuhan, China		
Tongji University	College of Surveying and Geoinformatics	TJU
Shanghai, China		
Technical University Munich	Deutsches Geodätisches Forschungsinstitut	DGFI
Germany		
University of Luxembourg	Research Unit in Engineering Science (RUES)	ULUX
Luxembourg	Faculté des Sciences, de la Technologie et de la Commu-	
	nication	
Chinese Academy of Surveying and Mapping, Beijing, China	Institute of Geodesy and Geodynamics	CASM

Objectives for the subsequent funding period

- an enhancement of the objectives of the establishment and continuous development of the Thematic Network
- Assurance of smooth transition into the post-funding period
- will keep all the three Chinese institutions from Wuhan,
 Shanghai and Beijing as partners of the Thematic Network in the post-funding phase.

Proposed measures	2019	2020	
Network meetings, short visits (up to 14 days) of university personnel			
10 participants of foreign partner institutions per meeting to US			
		7.476	
Exchange and coordination visits of US Professors or coordinator to partner countries with 1- member per year			
	1.500	1.500	
Workshops / summer schools			
oreign graduates and 1 junior researchers of foreign partner institutions to summer school to US			
	6.000		
4 German students, graduates and 1 junior researchers per workshop to partne	er institutions		
		6.500	
Longer visits of university personnel (14 days to six months)			
2 (2019) and 3 (2020) German professors and researchers per year at partner institutions			
	6.900	12.690	
3 Chinese partner professors and researchers per year at US			
	8.550	14.550	
Study and research visits for students, graduates and junior researchers (up to six months)			
3 German scholarship holders per year to partner Institutions			
	21.900	21.900	
3 scholarship holders of partner Institutions per year to US			
	9.750	9.750	



Verlängerung der Förderung des Thematischen Netzwerks "Modern Geodetic Space Techniques for Global Change Monitoring" für weitere 2 Jahre

DAAD verlängert die Förderung des Thematischen Netzwerks zwischen der Universität Stuttgart und 5 Partnerinstituten aus Deutschland, China und Luxemburg

Bis zu 250.000 Euro jährlich können Hochschulen aus einem DAAD-Programm erhalten, um ihr internationales Profil zu stärken. Im Jahr 2015 bewarben sich 28 Hochschulen mit ihren internationalen Partnern. Die Universität Stuttgart konnte sich mit ihrem Projekt zu "Modern Geodetic Space Techniques for Global Change Monitoring" durchsetzen und erhielt eine Erstförderung (2015-2018). Auch im letzten Jahr der Regelförderzeit schöpft das Thematische Netzwerk immer weiter großes Potential für die Wissenschaft und die Internationalisierung. Eine Förderverlängerung wird nach intensiver Bewerbung nur 50% aller Projekte zugestanden. Diese Anschlussförderung konnten sich die Universität Stuttgart und ihre Partner für die nächsten zwei Jahre (2019-2020) sichern. Die Referatsleitung des DAAD betonte die Förderwürdigkeit dieses Thematischen Netzwerks, wodurch diesem nun jährlich 125.000 Euro zur Verfügung stehen.

Als eines der zentralen Programmziele des Thematischen Netzwerks steht die Unterstützung der Internationalisierungsstrategie der Universität Stuttgart, um die Qualität von Lehre und Forschung stetig zu verbessern. Hierzu gehört der Wissensaustausch innerhalb der fünf beteiligten Institute der Universität Stuttgart (Geodätisches Institut, Institut für Ingenieurgeodäsie, Institut für Photogrammetrie, Institut für Raumfahrtsysteme und Institut für Wasser- und Umweltsystemmodellierung) sowie der Ausbau der internationalen Kooperation mit den 5 kontinuierlich bestehenden Partnerinstituten (Wuhan University, China; Tongji University, China; Chinese Academy of Surveying and Mapping, China; Universität Luxembourg, TU München, sowie der Universität Stuttgart).

Der DAAD begrüßt den starken Wissensaustausch im Thematischen Netzwerk auf allen wissenschaftlichen Ebenen sehr. Nicht nur Professoren und Forscher aller Partnerinstitute begeben sich hier auf längere Studien- und Forschungsaufenthalte an den jeweiligen Partnerinstitutionen, sondern auch die PhD-, Master- und Bachelorstudierenden.

DAAD_TN_Delegation_CASM_Peking_04_2017



Die Vereinigung aller Ebenen in einem gemeinsamen Workshop oder in einer sehr erfolgreichen Summer School wurde bereits durch das Thematische Netzwerk ermöglicht, Diese blühende Kooperation brachte bis dato eine große Anzahl an gemeinsamen Forschungsprojekten (6) und Publikationen (23) hervor. Die Förderverlängerung ist nicht nur dem Erfolg des bisherigen Projektverlaufs oder der Erreichung der geplanten Ziele geschuldet, sondern verdanken wir auch der Unterstützung durch die Leitungsebenen aller Partnerinstitutionen des Netzwerks.

"Ziel der Anschlussförderung ist ein reibungsloser Übergang in die Nachförderungsphase unseres Thematischen Netzwerkprojekts und die Unterstützung der nachhaltigen Verankerung dessen, was in der ersten Förderphase erreicht wurde" (nach DAAD). Unter diesem Leitgedanken wird das Thematische Netzwerk seine Programmziele der vorgehenden Phasen weiter fortsetzen. Die erfolgreichen Maßnahmen der letzten Periode wurden zur Erreichung der Ziele neu gesteckt: zum einen ein Netzwerktreffen in Stuttgart, zum anderen das Großereignis Summer School, welches für 2019 in Stuttgart geplant ist und ein Workshop in 2020 an einer der Partnerinstitutionen in China. Außerdem werden natürlich weiterhin Austauschmöglichkeiten in beide Richtungen gefördert. Insgesamt sechs Studierenden der Universität Stuttgart kann die Chance gegeben werden, in 2019 und 2020 für einen Forschungs- oder Studienaufenthalt an eine der Partnerinstitutionen zu gehen (Bewerbungen hierzu werden laufend angenommen). Im Gegenzug werden 6 Studierende der Partnerinstitutionen in 2019 und 2020 an der Universität Stuttgart forschen und studieren.

Alle Pläne und Vorbereitungen für die Anschlussförderung sind also bereits im Gang, die nächsten gemeinsamen Forschungsprojekte geplant und die Vorbereitungen für den kommenden Workshop in Luxemburg im Juli 2018 am Laufen. Weitere Informationen rund um den Austausch, Forschungsaufenthalte und aktuelle Ergebnisse des Thematischen Netzwerks sind auf der Website http://themnet.gis. uni-stuttgart.de zu finden.

Projektleiter: Prof. Dr.-Ing. Nico Sneeuw Projektkoordinator: Dr.-Ing Jianging Cai Geodätisches Institut

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DAAD TN Workshop Stat 07 2016

Thank you for your attention!

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