京都大学教育研究振興財団助成事業
成　果　報　告　書

平成 26 年 10月 10日

公益財団法人京都大学教育研究振興財団
　会　長　辻　井　昭　雄　様

所 属 部 局：　　　地球環境学堂

職　　名：　　　博士3年生

氏　　名：　　　金　晟　業（JIN SHENGYE）

助 成 の 種 類	平成26年度・若手研究者在外研究支援 ・ 国際研究集会発表助成		
事 業 内 容	ISPRS Technical Commission VII ,TCVII-2014 .		
開 催 期 間	平成26年9月29日～平成26年10月2日		
開 催 場 所	Istanbul Technical University, Istanbul, Turkey		
参 　加 　者	総　数：Over 300	内　訳: America, Austria, Australia, Canada, China et al	
成 果 の 概 要	タイトルは「成果の概要／報告者名」として、Ａ4版２０００字程度・和文で作成し、添付して下さい。 「成果の概要」以外に添付する資料　☑無　□有(　　　　　　　)		

会　計　報　告

	事業に要した経費総額	304,299　　円	
	うち当財団からの助成額	250,000　　円	
	その他の資金の出所	(機関や資金の名称)	

経 費 の 内 訳 と 助 成 金 の 使 途 に つ い て

費　　　　　　　目	金　額　（円）	財団助成充当額　（円）
Registration Fee	40,573	40,573
Air Ticket	145,000	145,000
Transportation (Airport to Hotel)	11,360	11,360
Accommodation	96,548	53,067
Insurance	4,520	0
VISA Application	6,298	0
Total	304,299	250,000

(*Foreign Exchange Rates is based on 2014.08.21)

当財団の助成について	（今回の助成に対する感想、今後の助成に望むこと等お書き下さい。助成事業の参考にさせていただきま

CONFERENCE REPORT

First of all, I would like to express my gratitude to Education and Research Revitalization Consortium of Kyoto University (京都大学教育研究振興財団) for giving me the opportunity to attend the ISPRS TC VII Mid-Term Symposium 2014. The conference was very interesting and gave the opportunity to learn many issues in regards to the latest remote sensing studies. As a doctoral student of the Graduate School of Global Environmental Studies of Kyoto University, it was a very enriching experience for me to attend the conference. I will describe briefly below the different aspects discussed in the conference.

ISPRS TC VII Mid-term Symposium 2014, held at Istanbul Technical University, Istanbul - Turkey, from Sept. 29th to 2nd October, 2014, aimed to provide a platform for sharing the results of research and development efforts in both national and international remote sensing applications and to help in identifying advances in remote sensing theory, research, experiments, applications, and technology throughout the world. The symposium addressed diverse topics related to methodologies and technologies within a unique forum that keeping participants up to date with the latest advances in remote sensing applicable to various disciplines. The proceedings of the ISPRS Technical Commission VII Mid-term Symposium 2014 consist of two parts: Part A collects Annals papers that were accepted on the basis of peer-reviewed full manuscripts; Part B contains Archives papers which have been selected based on a review of the submitted abstracts. Both the Annals full manuscripts and Archives abstracts submitted were evaluated by the Technical Commission VII officers according to content, significance, originality, relevance and clearness of presentation. Altogether there have been 10 invited papers, 13 contributed papers included in the ISPRS Annals and 36 contributed papers included in ISPRS Archive. These, together with the free 3 tutorials given to young scientists and poster presentations, serve to demonstrate the importance of the mid-term symposium for sharing ideas and findings with a truly international community.

There were eight main topics of the conference:

WG VII/1 Physical Modeling and Signatures in Remote Sensing

WG VII/2 DEM Generation and Surface Deformation Monitoring from SAR Data

WG VII/3 Information Extraction from Hyperspectral Data

WG VII/4 Methods for Image Classification

WG VII/5 Methods for Change Detection and Process Modeling

WG VII/6 Remote Sensing Data Fusion

WG VII/7 Synergy in Radar and Lidar

ICWG III/VII Pattern Recognition for Remote Sensing

My oral presentation was in OS-IB Salon II on Tuesday, 30 Sep 2014, 11:00—11:20. The title was ***Effective leaf area index retrieving from terrestrial point cloud data: coupling computational geometry application and Gaussian mixture model clustering***. Some question and advice were very constructive to my studies, which from the peers of this conference. The communication with young researchers was also interesting for the chance to get some fresh commends of my work. Through the conversation we exchange the experiences of working and get a chance to know the country life of each other.