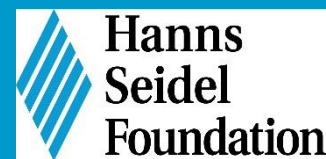


# Hanns Seidel Foundation

Serving  
Democracy,  
Peace and  
Development

"In the service of democracy, peace and development" – this is the motto that describes the work and mission of the Hanns Seidel Foundation in more than 50 countries worldwide.

HSF Korea supports the process of reconciliation on the Korean peninsula. In South Korea, this includes regional development, in which the border region (DMZ) is especially focused upon. In North Korea, HSF attempts to contribute to the peaceful development in the region through activities aiming for international integration and cooperation of the DPRK in the field of the environment.

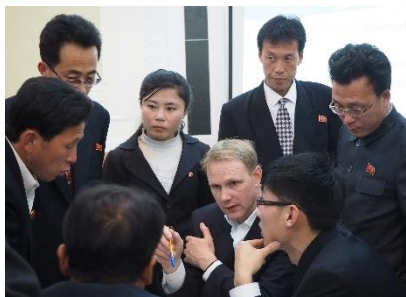


## Our Work in 2016

### In the Field of Forestry

#### 2<sup>nd</sup> International Forestry Seminar – Forest Tree Nurseries and Distribution of Seed Material

German forestry experts and representatives of Hanns Seidel Foundation Korea and the Ministry of Land and Environment Protection (MoLEP) met in Pyongyang to carry out the 2<sup>nd</sup> International Seminar. Focusing on the topic "Forest Tree Nurseries and Distribution of Seed Material", the event was organized by HSF in cooperation with MoLEP, within the framework of the joint EU-funded project on sustainable reforestation in DPR Korea.



The two-day workshop opened opportunities for exchange between German forestry experts and representatives from the forestry sector in DPR Korea. The event helped enhance knowledge of science and technology in forestry. A major part of the workshop was dedicated to the topic of tree nurseries and diverse techniques for the production and distribution of forest material.

Following the workshop, the German experts were given an opportunity to visit the model reforestation site in Sangseo-ri for professional assessment of the project's progress, as well as consultation to the local authorities. An additional visit was conducted to the Centre for Sustainable Reforestation at the central nursery in Pyongyang. Both are part of the EU-funded project of HSF and MoLEP.



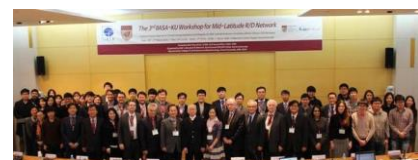
#### Meeting with Dr. Kim Kwan-ho of the Rural Research Institute

In February, a meeting took place with Dr. Kim Kwan-ho and senior researcher Ji Dalim of the Rural Research Institute, Inter-Korean Cooperation Center, for exchange of views on the potential of agro-forestry in North Korea. Agro-forestry since more than a decade has been practiced in North Korea to improve agricultural output and promote sustainable use of sloping lands, and has been promoted by various international organizations and NGOs. Last year, DPR Korea together with the Swiss Development Corp. published a guideline and project plans on agro-forestry. Both sides agreed on further cooperation and exchanges.



#### 3rd Mid-latitude Workshop held at Korea University

In March, the 3rd IIASA-KU workshop for Mid-Latitude R/D workshop took place at Korea University Hana Square, jointly organized by Korea University and the International Institute for Applied Systems Analysis (IIASA) from Vienna, Austria. This workshop explored the framework for climate change mitigation, adaptation, and sustainable development in temperate (mid-latitude) regions. HSF Korea explained, how its environmental projects in North Korea can contribute to climate change mitigation. Among others, Hanns Seidel Foundation has been active in renewable energy, biodiversity and forest projects in North Korea.



## Forestry Training in Mongolia – National Forest Inventory as an Example for International Cooperation

In early June HSF conducted a Training in Mongolia for foresters from the DPR Korea as part of HSF's EU-funded project on sustainable reforestation in the DPR Korea. The purpose of this training was to share Mongolian experiences in reforestation with representatives of the forestry sector in the DPR Korea.



Important topics on the agenda were practical exercises for forest inventory and management, as well as visits to tree nurseries and model reforestation sites. The training was accompanied by a theoretical workshop on National Forest Inventory (NFI), conducted in cooperation with the German Development Agency (GIZ). Aside from gaining practical experience, the training sessions offered a platform for exchange and opened new perspectives for cooperation with international and regional institutions and expanded existing networks, for example with representatives of the Asia Foundation Wildlife Science and Conservation Center.



## Forestry Training in China – Disaster Risk Reduction and International Cooperation

HSF initiated a training in China for foresters from DPR Korea as part of

the EU-funded project on sustainable reforestation, which is jointly carried out by HSF and the Ministry of Land and Environmental Protection (MoLEP).



The first site during the training was a company for environment products in Dongguan, Guangdong Province. The company specializes on manufacturing equipment that is used for natural cultivation in order to prevent erosion and landslides on deforested hillsides. During a visit to the Beijing Forestry University, presentations on tree nurseries and pest control introduced participants to current scientific research on the issues. Contacts with the Asia Foundation were intensified and excursions to model sites in Dongguan and Shenzhen allowed the delegates to extend their practical knowledge.

## 3<sup>rd</sup> International Forestry Seminar – National Forest Inventories in Mongolia and DPR Korea

In mid-July, HSF in cooperation with its partners, gathered in Pyongyang for the 3<sup>rd</sup> International Seminar and brought together representatives of the forestry sector in DPR Korea. The seminar was part of the EU-funded project on the improvement of rural living conditions through sustainable forestry, carried out by HSF and MoLEP since 2014.



The main topic of the seminar was "National Forest Inventory," an issue vitally important for the DPRK. Delegates from the Korean forestry sector are planning to establish an own NFI strategy in the country. The two-day workshop was complemented by a practical training session in Sangseo-ri, the model reforestation site within the EU-project. The training was connected to a training on the same topic in Mongolia in June 2016, where delegates from DPR Korea learned best-practise examples at different sites.



## 5th Changbai Mountain Forum

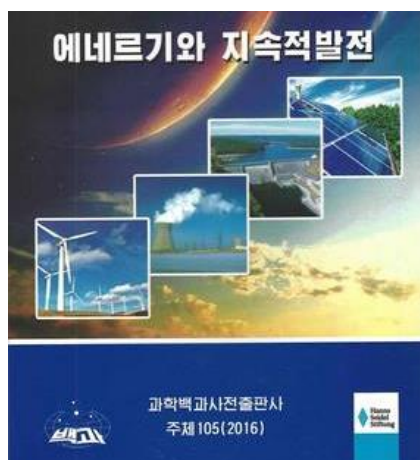
The Forum was hosted by Key Laboratory of Natural Resources of Changbai Mountain & Functional Molecules, Ministry of Education, Yanbian University, China and BK21PLUS Eco Leader Education Center (ELEC) of Korea University on 28th to 30th July 2016. The forum covered climate change, ecology and new plant resources in North-East Area including Changbai Mountain and the China-Korea border area. The forum carried out in-depth discussions on the protection, sustainable use and development of biological resources in Changbai Mountain.



HSF Korea was represented by Ms. Hyunah Choi, researcher at HSF. She attended the forum and held a presentation on international cooperation for the DPR Korea's environmental restoration.

## Energy for Sustainable Development – Publication in North Korea released

The Hanns Seidel Foundation Korea supported a publication in the DPR Korea which was developed by professors and senior researchers of the State Academy of Science in North Korea. It starts from the basic definition of energy, but mainly focuses on the renewable energy in biological sector. Chapters such as energy and economy, energy and environment, planning renewable energy system are included.



In the second part the subject of sustainable development is introduced, followed by an explanation about its connection to society development and economy. In the last and main chapter, the relation between energy and environment is explained, with a focus on key environmental challenges, environmental impacts of energy and topics such as the Clean Development Mechanism (CDM), Nationally Appropriate Mitigation Actions (NAMA) and Reducing Emissions from Deforestation and forest Degradation (REDD+). The publication intended to introduce international standards, conventions and regulations to the wider society.

### Seminar for forest cooperation between KFRI and HSF Korea

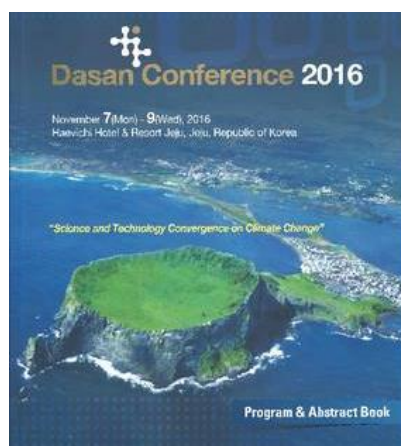
Beginning of November, Dr. Bernhard Seliger, representative of Hanns Seidel Foundation Korea, had a meeting with Dr. Sung-hyun Nam (President of KFRI), Dr. Hyun Park, and Dr. Kyeong-Seok Park regarding cooperation and joint future research with the KFRI.



Dr. Seliger presented some results of the HSF's environment and forest projects and had opportunities for knowledge sharing on Forest Landscape Restoration. HSF will try to help KFRI for sustainable forest management on the Korean Peninsula.

### The Dasan Conference 2016 in Jeju

In early November, the Dasan Conference took place in Jeju, regarding “Science and Technology Convergence on Climate Change.” It was hosted by the Korean Federation of Science and Technology Societies and consisted of various symposia, which discussed climate change and the role of science.



Dr. Bernhard Seliger represented HSF Korea with a presentation on “Climate Change, Afforestation in North Korea and the Experience of Hanns Seidel Foundation.”

### HSF scholarship students – Knowledge from Germany for reforestation efforts in DPRK

It is said that the concept of sustainable forestry was born around 300 years ago, in Germany. This is also reflected by the long history of scientific institutions in Germany. The University of Applied Sciences for Sustainable Development Eberswalde

(HNEE), for example, was founded in 1830 as a Forestry Academy. Today the institution focuses on forward-looking industries and key sectors such as renewable energy, conservation, forestry and adaptation to climate change. The Hanns Seidel Foundation Korea cooperates with the HNEE for several years.



In 2016 two forestry students from DPR Korea studied for one year International Forest Ecosystem Management in Eberswalde. Modules such as biosphere reserve management, social forestry and extension methods and applied silviculture and risk management were part of their program. Within the program, additional study trips were organized. One lead the students together with forestry students of the University of Göttingen to Bavaria. There they were introduced to the Bavarian Forest Sector while visiting institutions, such as the State Institute of Forestry of Bavaria and to the German political system while visiting the headquarter of Hanns Seidel Foundation. Students and cultural exchanges still offer the opportunity for international cooperation despite political tensions. Additionally, the students will be able to contribute their new perspective and knowledge to ongoing efforts in the DPR Korea in the field of forestry.

### Publication of textbook: “Questions and Answers on Raising Tree Seedlings”

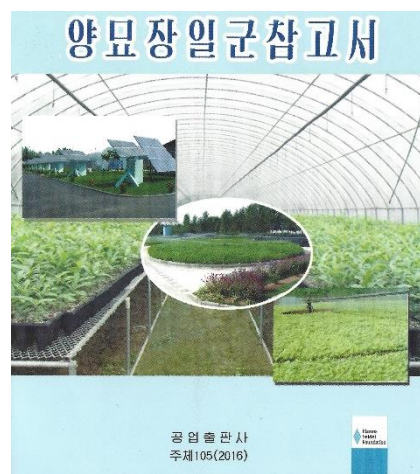
HSF Korea supported the publication of the textbook “Questions and Answers on Raising Tree Seedlings” that serves as a handbook with answers to common questions of practitioners working at tree nurseries. An introductory chapter provides basic

knowledge on raising tree seeds and seedlings. It is followed by more specific chapters on topics such as seed germination, seed-sowing techniques and transplantation of seedlings. The book was distributed to forestry-related institutes and contributes to reforestation efforts in North Korea.



### Publication of textbook: “Handbook for Tree Nursery Practice”

In order to improve scientific and practical knowledge on various topics related to tree nurseries, HSF supported the publication of “The Handbook for Tree Nursery Practice.” The handbook offers abundant knowledge on the topic, starting with chapters on the construction and facilities of tree nurseries, followed by an overview of ecological factors that affect the growth of seedlings. Other chapters are more specific on different types of fertilizers, plant growth acceleration and the impact of different conditions on seedlings. More chapters are dedicated to health management of the seedlings, such as pest control.



### 12<sup>th</sup> DMZ International Peace Symposium



In mid-December Gangwon-Province, together with regional partners, co-organized the 12<sup>th</sup> DMZ International Peace Symposium. Participants were invited to discuss measures for long-term development in the DMZ.

Participants of the Symposium agreed that not only should the importance and value of the DMZ be declared, but measures should be implemented to ensure sustainable development as well. Dr Bernhard Seliger, representative of the HSF Korea, stressed that Korea needs a mid- and long-term eco-friendly plan for preserving the ecological values of the DMZ. The DMZ in Korea is a unique ecosystem, Dr Seliger explained, and its environment and nature should be conserved well. As a comparison, he showed how in the German Green Belt (Grünes Band), tall buildings and infrastructure (roads and railways) are kept at a minimum until today.

### A Green Korean Peninsula - International Symposium in Seoul



On December 14, an International Symposium took place at the Forest Vision Centre in Seoul, South Korea. It explored opportunities how to apply the Paris Agreements and environment restoration experiences in Asia to the “Green Korea Project”. The Hanns Seidel Foundation Korea took part and

shared the experience of its EU-funded reforestation project in North Korea.

The symposium was jointly organized by the Green Asia Organization (GAO), the Korea Forestry Promotion Institute (Kofpi) and the Northeast Asia Forest Forum. During the Symposiums participants held presentations on various topics, such as potential ways to cooperate with North Korea in the field of environment. Others introduced their country's projects on reforestation, forest and landscape restoration. HSF Korea, represented by Felix Glenk, presented HSF's ongoing EU-funded reforestation project in North Korea.

### International Symposium on National Forest Inventory



The International Symposium on National Forest Inventory (NFI) took place on December 21 in Seoul, hosted by the Korea Forestry Promotion Institute and organized by Korean Society of Forest Management and Information. The symposium was held in order to share survey results and to apply the use of NFI data in Asian countries (Korea, Vietnam, Cambodia, Philippines, Japan, and Nepal). Dr. Hyunah Choi, senior researcher of Hanns Seidel Foundation Korea, participated.



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