

The 2nd Small-Scale Composting Training Workshop

Swiss Chinese Herbal Medicine and Functional Food Innovation Center

Zurich, Switzerland
(SwissHerbs.Org)

1.Aim

The 2nd small-scale composting training workshop organized by Swiss Chinese Herbal Medicine and Functional Food Innovation Center (SwissHerbs.Org) and Organic Recycling Research Institute (Suzhou) of China Agricultural University (ORICAU). Our aim is taking full advantage of organic wastes, especially the organic wastes from small farms and gardens. Producing (micro-) biologically high-quality compost is a prerequisite to ensure its long-term value, without harming the environment but to enhance plant vigor and health. Prepared compost is proven to be good organic fertilizer for the cultivation of crops plants.

2.Lecturers

Dr. Jacques G. Fuchs is the Deputy Director of the Academic Board and Senior Researcher of Swiss Chinese Herbal Medicine and Functional Food Innovation Center (SwissHerbs.Org) in Zurich of Switzerland.

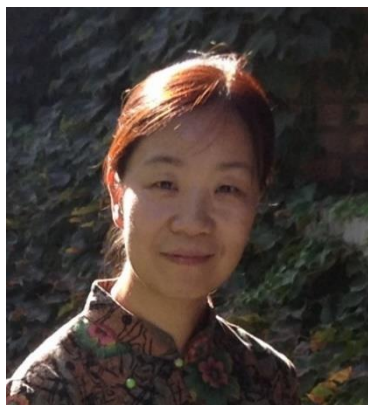
He graduated in Agronomy of the Swiss Federal Institute of Technology (ETH Zurich) with a PhD in soil microbiology. Since 2019, he has been an Adjunct Professor at the Beijing Key Laboratory of Biodiversity and Organic Agriculture, China Agricultural University and has given technical advice to the small-scale composting activities of organic waste in Beijing urban and rural farms initiated by the Swiss Federal Agency for Development and Cooperation (SDC).



In a career spanning more than 30 years, he has served as a senior expert and consultant on Swiss federal composting technology, providing agricultural practitioners, family farmers, and gardeners with an in-depth introduction to healthy compost production. He is the author of the 《Swiss Federal Guidelines for Compost Quality (Standards)》 and is the founder of Biophyt in Mellicon. Switzerland (FiBL) has a long history of promoting the world organic agriculture movement, Dr. Fuchs joined FiBL Switzerland in 2000 as a senior expert providing consulting services to a few overseas composting producers. He

has also made outstanding contributions to the development of the use of organic matter compost in soils in many developing countries.

Dr. Liyan Wang joined the Swiss Agency for Development Cooperation (www.deza.ch)



in 2009 and is responsible for the thematic work of SDC in bilateral and multilateral cooperation in China. She plays a central role in the design and management of SDC's pillar projects in China in the areas of emissions reduction and adaptation, including air pollution, water resources management, groundwater over-exploitation management, natural disaster risk assessment, agro-ecology, and solid waste management. Prior to joining SDC, Dr. Liyan Wang worked for state-owned enterprises in the power industry, foreign companies in public utility information management, and EU energy and environment projects. Dr. Liyan Wang received the PhD in Fluid Power Transmission and Control.

The Swiss Agency for Development Cooperation (SDC) initiated and funded organic waste composting activities on farms and communities in rural and urban area of China. Dr. Liyan Wang successfully led the project and submitted the project report to SDC headquarters in 2021. In this invitation, she will share her hands-on experience in small-scale composting.

3.Organizers

- Swiss Chinese Herbal Medicine and Functional Food Innovation Center, Zurich of Switzerland, President Dr. Qiyan Wang-Mueller, Vice President of Academic Committee Dr. Jacques G. Fuchs, Sino-Swiss Coordinator of Conference Xiaoying Xu, Sino-Swiss Coordinator of Projects Dr. Pingyin Guan (www.swissherbs.org)
- Organic Recycling Research Institute (Suzhou) of China Agricultural University (ORICAU) and IFOAM Organic Asia (Suzhou) Training Center, Dean of ORICAU Prof. Dr. Ji LI; Project Leader Mr. Mingxuan (Brandon) ZHANG (www.oricau.net)

4.Co-Organizers

- Beijing Key Laboratory of Biodiversity and Organic Farming, China Agricultural University (CAU), Prof. Dr. Yuhui QIAO and Prof. Dr. Ji LI
- Swiss Agency for Development and Cooperation SDC, Senior Advisor of Climate Change and Environment, China Office. Dr. Liyan WANG (www.deza.ch)

- Kunming Zhongru Agricultural Science and Technology Co. LTD, chairman of the board Zhirong Xin, vice-general manager lingxi Yan, technical director Hu Li
- Institute of Medicinal Plants, Yunnan Academy of Agricultural Sciences (IMP, Yunnan AAS), Research fellow Xin Wang, Binyang, Chinese herbal medicine environmental production team
- Yunhe Village Committee of Xiangfen County, Shanxi Province of China, Director Yuanyuan GAU

5. Programme

Language: English (Chinese translation)

Date: May 27, 2022 (Friday)

Time: Swiss Summertime 9:00 – 12:00 (Beijing time 15:00 – 18:00)

Location: SwissHerbs (Meeting Room), Mainaustrasse 21, 8008 Zurich, Switzerland

Participants: Zoom-Meeting online + offline Session

1) Swiss Main Session

Swiss Chinese Herbal Medicine and Functional Food Innovation Center, Zurich of Switzerland

2) Suzhou Offline Session

Organic Recycling Research Institute (Suzhou) of China Agricultural University (ORICAU) and IFOAM Organic Asia (Suzhou) Training Center

3) Kunming Offline Session

Kunming Zhongru Agricultural Science and Technology Co. LTD and Institute of Medicinal Plants, Yunnan Academy of Agricultural Sciences

Schedule

Swiss 09.00-09.05/China 15:00-15:05 **Greetings**

Dr. Qiyan Wang-Mueller, SwissHerbs.Org

Swiss 09.05-09.15/China 15:05-15:15 **Welcome Speech, Chair**

Dr. Ji Li, China Agricultural University

Swiss 09.15-10.30/China 15:15-16:30 **Lecture**

Dr. Jacques Fuchs, SwissHerbs.Org

- Introduction to waste management in Switzerland (10 mins)
- Effects of compost on soil fertility and plant health (15 mins)
- Management of small-scaled composting process (15 mins)
- Organization of a small-scale composting system (10 mins)

- Evaluation of compost with own senses and biotests (10 mins)
- Application of Compost (10 mins)
- Discussion (5 mins)

Swiss 10.30-11.30/China 16:30-17:30 **Lecture**

Dr. Liyan Wang, SDC, Switzerland

- SDC initiated and funded small action on composting (40 mins)
- Case study in rural-urban farms (10 mins Video display)
- Discussion (10 mins)

Swiss 11.30-11.50/China 17:30-17:50 **Video display**

Dr. Jacques Fuchs, SwissHerbs.Org

- Organization and processing on the small pile composting
- Use of compost in garden of Nackthof

Swiss 11.50-12.10/China 17:50-18:10 **Coffee & Tea Break**

The 1st Organic Yun Angelica Forum in 2022

Schedule

Swiss 12.10-12.15/China 18:10-18:15 **Welcome Speech, Chair**

Dr. Qiyan Wang-Mueller, SwissHerbs.Org

Swiss 12.10-12.15/China 18:10-18:15 **Lecture**

Dr. Xin Wang, IMP, Yunnan AAS

- *Industrial profile of Yun Angelica (15 mins)*
- *Breeding technology of fine seed on Yun Angelica (12 mins)*
- *High quality and efficient cultivation techniques of Yun Angelica (15 mins)*
- *Organic production practice of Yun Angelica (10 mins)*
- *Brief introduction on Yun Angelica's team (8 mins)*

Swiss 12.10-12.15/China 18:10-18:15 **In-depth discussions on organic farming**

Dr. Qiyan Wang-Mueller, SwissHerbs.Org

- *Participants: Dr. Jacques Fuchs, Dr. Liyan Wang, Dr. Yunguan Xi (Deputy Director, Nanjing Institute of Environmental Sciences, China), Prof. Yuhui Qiao, Mr. David Maurer (Director, BioMaurer Farm & Biogas), and Yun Angelica's team*

Swiss 13:45/China 19:45

Ending & Communications

6. Reference:

- 1) 2021, the 1st International Home Composting online training course (Suzhou ORICAU Offline Session)

<https://www.swissherbs.org/international-home-composting-online-training-course/>

