



**FOR IMMEDIATE RELEASE**

## **Dr. Yonghui Wu Named Senior Atmospheric Scientist at Climavision**

**Louisville, KY – July xx, 2021** – Climavision, a pioneering weather services and intelligence company, today announced that Dr. Yonghui Wu has joined the company as the Senior Atmospheric Scientist. Wu is responsible for the AI-driven data assimilation and numerical simulation development for the company's Numerical Weather Prediction team.

Dr. Wu is a meteorologist and applied mathematician, with broad experience delivering innovative technological solutions in numerical modeling optimization, statistical analysis and weather forecast improvements. Before joining Climavision, he was the Senior Scientist for Priogen, an international energy company, where he focused on improving surface weather and wind power prediction. He designed and developed the operational wind power prediction system for Germany using machine learning.

"We are extremely fortunate to have Dr. Wu join our team," said Climavision Co-Founder and CEO Chris Goode. "We are developing the world's foremost Numerical Weather Prediction team, and Dr. Wu's deep expertise will undoubtedly play a critical role in that effort."

"Dr. Wu is one of the world's preeminent atmospheric scientists, and he will have an enormous impact on our work," said Peter Childs, Chief NWP Scientist, Climavision. "We are thrilled to be able to work with someone of his stature."

"It is a great honor for me to join the team at Climavision," said Dr. Wu. "I have spent my entire career working in various capacities to develop better weather prediction models and applications, and Climavision enables me to pull all of those experiences together and help create an unparalleled weather prediction system. I am thrilled to have this opportunity to genuinely make a difference in our daily lives."

Earlier in his career, Dr. Wu served as an Associate Scientist for NCAR (National Center for Atmospheric Research), conducting modeling and data assimilation research. His work included improving precipitation analysis and forecasts by modifying the variational system of the Kain-Fritsch scheme to assimilate CMORPH rain rate into the WRF model, designing and developing the Four-Dimensional Relaxation Ensemble Kalman Filter (4DREKF) modeling system for mesoscale analysis and forecasting, and the radar radial wind data assimilation scheme based on 4DREKF under the guidance of Dr Yubao Liu. Dr. Wu also developed an enhanced quality control system for TAMDAR observations including a height adjustment and an online QC application.

Dr. Wu received a bachelor's degree in mathematics with a focus on probability & statistics from Sichuan Normal University in Chengdu, China, a master's degree in Nonlinear Reaction Diffusion Equations from Xiamen University in Xiamen, China and a PhD in Nonlinear Partial Differential Equations from the Chinese Academy of Sciences in Beijing, China. He served as a

visiting scientist of the Department of Atmospheric and Oceanic Sciences at the University of Maryland and a research faculty member at the Department of Atmospheric Science at Florida State University, where he improved hurricane initial conditions using variational data assimilation with TOMS Ozone observations.

Additionally, Dr. Wu conducted atmospheric dynamics research at the Institute für Mathematik, at the Humboldt-Universität zu Berlin, Germany, the Research Institute for Electronic Science at Hokkaido University in Japan and the Chinese Academy of Sciences in Beijing, China. Dr. Wu is the co-author of 39 published articles.

### **About Climavision**

Climavision brings together the power of a proprietary, high-resolution weather radar and satellite network combined with advanced weather prediction modelling and decades of industry expertise to reduce existing coverage gaps and drastically improve forecast ability.

Climavision's revolutionary new approach to climate technology weather solutions is poised to help reduce the economic risks of climate change on companies, governments, and societies alike. Climavision is backed by The Rise Fund, the world's largest global impact platform committed to achieving measurable, positive social and environmental outcomes alongside competitive financial returns. The company is headquartered in Louisville, KY, with research and development operations in Raleigh, NC. To learn more, visit [www.Climavision.com](http://www.Climavision.com)

### **Media Contact:**

Neal Stein  
Technology PR Solutions  
321-473-7407  
[nealjstein@techprsolutions.com](mailto:nealjstein@techprsolutions.com)