

## CALL FOR PAPER

### Scientific workshop on Forecasting Meteorological & Nowcasting power generation

Hanoi, 16 Jan 2021

#### Context

In the past two years, the structure of the power generation mix of Vietnam has been shifted with high penetration of renewable energies (RE), especially wind and solar power. By 08/2020, the installed capacity of RE has reached about 6 GW, accounts for 10% of the total installed capacity of Vietnam. Most recently, on 25 September 2020, the Prime Minister has agreed to add 11 GW of wind power (Document No.7201/BCT-ĐL) and 11.3 GW of solar power (Letter No.1968/TTr-BCT and Document No.7200/BCT-ĐL) into the national power development plan. The development of renewable energy is oriented by the Politburo as in Resolution 55 on energy development as well as the government's development strategies to transit the economy toward green and sustainability. However, there are challenges for the power system to accommodate a higher share of variable RE sources (solar and wind), which are resulted from their intermittency depending on the natural conditions. Hence, having accurate and reliable RE power generation forecasting systems becomes a crucial requirement for managing and balancing the power system. The foundation for such systems lays in the quality of short-term and long-term hydro-meteorological and weather forecasts.

Under this context, Vietnam Initiative for Energy Transition would like to organize the Scientific Workshop on Meteorological, Weather forecasts, which is expected to be a forum for the presentation and discussion of new advances and research results in the fields of theoretical, experimental, and applied science for Meteorological, Weather forecasts which can then support the variable RE integration and power system operation. The workshop will bring together Vietnamese leading researchers, engineers, and scientists in this domain of interest.

The workshop will be held on 28 January 2021 (whole day) in Hanoi, Vietnam.

#### Topic

This scientific workshop will cover the following topic:

- Weather Forecast
- Climate Prediction
- Numerical Weather Prediction and remote sensing

## Important dates

<b>16 Dec 2020</b>	<b>Call for paper</b>
<b>22 Jan 2021</b>	<b>Deadline for abstract's submission</b>
<b>22 Jan 2021</b>	<b>Notification of Acceptance</b>
<b>22 Jan 2021</b>	<b>Registration deadline for speakers and participants</b>
<b>28 Jan 2021</b>	<b>Workshop Dates</b>

## Submission

The author(s) are requested to submit a **long abstract** (with no specific required format, maximum 1000 words, in English and Vietnamese) to the Workshop's Organizing Committee by sending to the email: [MWFconf20@vietse.vn](mailto:MWFconf20@vietse.vn) before 22 January 2021. Submissions must contain the title, corresponding author e-mail address, author names, and author affiliations in the covering email. The author(s) of the final accepted abstract will be requested to present the whole work in the Workshop (in Vietnamese). These abstracts will be published in the proceeding. The full paper is eventually required to be submitted to the Workshop's Organizing Committee after the presentation.

## About the Organizer

*The Vietnam Initiative for Energy Transition (VIET)* is a think-tank with the mission to accelerate the Energy Transition process in Vietnam towards a low carbon economy based on renewable energy sources and energy efficiency. The main objective is to deliver fact-based analysis on key drivers for the energy transition and provide a platform for discussions on technological, economic and policy aspects of the Vietnamese energy sector.