

VIET NAM

Background

Vietnam has become a member of WMO since 1976 and ratified Vienna Convention on the Ozone Layer Protection, the Montreal Protocol on substances that deplete the ozone layer and both its London and Copenhagen amendments in 1994.

According to the Environment Law issued by the National Assembly in 1993, Vietnam commits fully comply with all the obligations of a member of International organizations or of a Party to signed international treaties.

In accordance with above principles, The Vietnam Government has assigned Hydrometeorological Service (HMS) - The Government Agency to prepare and implement the Country Programme for Implementation of Montreal Protocol in Vietnam. HMS has established the Vietnam National Ozone Unit (Ozone Office) as National Focal Point for implementation of MP.

Ongoing activities on ozone observation and research

Ozone observation

Ozone observation network in Vietnam consists of 3 stations: Hanoi, established in 1992; Sapa and Tansonhoa, established in 1994. Hanoi and Sapa stations located in the north and Tansonhoa located in the South of the Country. These stations are equipped by ozone spectrometers M124 made in Russia and carries out the 9 obs/day measurements of total ozone and UV radiation. The spectrometers M 124 are calibrated every two years in Russia.

Among the 3 above stations, Hanoi ozone station is the one of the global ozone-observing network under the number of 330. The ozone data gathered in this station is transferred to the global data center every 2 months and published in the World Ozone Data.

During last 3 years, 2 training courses for the observation technicians of the ozone stations have been conjointly organized by the National Ozone Unit and Airological Observatory of HMS. The courses had been aimed at the ozone layer protection and implementation of Montreal Protocol issues and improvement of measurement skills of the technicians.

Ozone researches

Most of scientific and technology researches in Vietnam are funded and managed by the Government, including Ozone ones.

There are only two organizations undertaking the ozone researches in Vietnam. One biggest is the Airological Observatory (AO) under HMS and other is Hanoi University.

The objectives of the ozone researches carried out by above agencies aim at the scientific assessment of distribution and changes of stratosphere ozone in order to identify and understand current status of the ozone layer under the Country.

Planned activities

For the next 2002 - 2005 years, The following activities on the ozone monitoring and research have been planned:

1. Fully Comply with control measures under the Montreal Protocol, phase out 50% CFC consumption in 2005.
2. Strengthen and improve the ozone observations in the 3 stations;

3. Provide equipment and train technicians of the 3 ozone stations in using and application of software for data processing and transmitting;
4. Enhance the funding from the Government for the ozone researches;
5. Present in cooperation with Ministry of Education and Training the Ozone award for an excellent ozone/ozone layer protection research among students.
