

## **Recommendations**

- (i) The workshop reiterated that analysis and forecasting of tropical cyclone should be performed based on the scientifically agreeable data and procedure .
- (ii) There should be a mechanism to ensure sharing of all available data and products on real time basis among the RSMC and all members of panel countries, such as Website (RSMC and member countries websites – V-Lab etc...) in addition to GTS. It will ensure the uniformly available information to all forecasting centers to arrive at decision making.
- (iii) There should be a discussion forum through internet or telephonic conversations, where the opinions of forecasters can be exchanged. In the absence of such discussion forum, a group mail can be created. Oman has volunteered to create a discussion forum within V-Lab project.
- (iv) A status and need assessment reports of various NMHSs with respect to data, products, analytical and forecasting procedures to be prepared by WGM of WMO-ESCAP panel of tropical cyclones.
- (v) WMO-ESCAP panel on tropical cyclones is requested to coordinate regionally for tools and technology transfer among panel member countries and to improve the tropical cyclone monitoring and prediction based on need assessment reports prepared by WGM. It also request WMO to carry out such technology transfers between the panel and other regional committees. Expert from outside panel countries can be invited for sharing of knowledge in future workshops.
- (vi) The training of cyclone forecasters of panel members may be arranged on Dvorak's technique and application of various tools including Ensemble Prediction System (EPS) for tropical cyclone monitoring and prediction by PTC panel member with support from WMO.
- (vii) The workshop reaffirmed that upgrade of a storm from deep depression to cyclonic storm is consistent between the members and RSMC.

- (viii) At the end of the year post-analysis should be carried out internally by all WMO-ESCAP panel members and RSMCs to determine the best track and intensity of a system. In case of the discrepancies between RSMC and NMHS, those can be presented in the annual Review Meeting conducted each year and final decision can be taken on best track and intensity. The same will be published in the Annual RSMC Report for all purposes. Feedback from member countries on post analysis should be sent to RSMC.
- (ix) A resource library on research studies with respect to tropical cyclones over north Indian Ocean may be created. Oman volunteered to host and maintain this library within the V-Lab project as part of the panel PTC activities. In this regard PTC will promote research activities of the members. There should be research on short-lived suddenly intensifying cyclonic disturbances near the panel members countries coasts.
- (x) The participants felt that such case study workshops are very useful for sharing of knowledge and expertise also to improve tropical cyclone monitoring and prediction systems. Hence, such workshops may be conducted in regular basis, preferably once a year.