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| WORLD METEOROLOGICAL ORGANIZATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_STAKEHOLDERS WORKSHOP TO INITIATE THE IMPLEMENTATION OF IMPACT-BASED FORECASTING AND RISK-BASED WARNINGSCURACAO, 10-13 OCTOBER 2015 |  | WDS/PWS/SHW-IBFRBW/Doc.1ORIGINAL: ENGLISH |

**PROVISIONAL PROGRAMME**

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|  | **DAY 1 (WORKING HOURS: 0900-1700)** |  |
| **TIME(S):** | **TITLE(S) / SUBJECT(S):** | **PRESENTER(S):** | **TIME(S):** |
| **WELCOME AND INTRODUCTION** |
|  | * Welcome Address
* Introduction of participants
* Working arrangements
 | **Director Meteorological Department Curacao (MDC)****Haleh Kootval (WMO)** | **0900-1000** |
| **STIMULATING THE NEED FOR ACTION** |
|  | Presentation on challenges and short-comings of current warning and response systems:* Meteorological and hydrological hazards and their impacts;
* Existing forecasting and warning services;
* Disaster reduction activities
 | **MDC and Disaster Management** | **1000-1200** |
| **Coffee Break and Group Photo** |
|  | Presentations by stakeholders* How stakeholders cope with hazards that affect their day-to-day operations and activities
 | **Stakeholders** |  |
| **Lunch** |
|  | Presentations by stakeholdersHow stakeholders cope with hazards that affect their day-to-day operations and activities (continued) | **Stakeholders** | **1300-1700** |
| **Coffee Break** |
| **RESPONDING TO THE CHALLENGES AND NEED FOR CHANGE** |
|  | Presentation:* Multi-hazard, impact based forecasting and warning services in Curaçao (focus on benefits to users)
 | **Haleh Kootval** |  |
| **DAY 2 (WORKING HOURS: 0900-1700)** |
| **Impact-based forecasting: introduction to mapping and modelling** |
|  |  |  | **0900-1200** |
|  | Introduction to hazard matrices  | **Haleh Kootval** |  |
|  | Develop a hazard matrix for each stakeholder group | **All Participants with assistance from WMO and Deltares Experts** |  |
| **Coffee Break** |
|  | Develop a hazard matrix for each stakeholder group | **All Participants with assistance from WMO and Deltares Experts** |  |
| **Lunch** |
|  | Presentation:* Introduction to technologies and modeling for providing objective risk-impact assessments
 | **Alice Soares (WMO),** | **1300-1700** |
| **Coffee Break** |
|  | Presentation:* Introduction to technologies and modeling for providing objective risk-impact assessments
 | **Deepak Vatvani (Deltares)** |  |
|  | Presentations* Existing risk mapping information
* Existing vulnerability and Exposure information for real time or climate-based impact mapping
* Information on locations and activities prone to hazards not already captured in existing databases, including historical reports, which could be used for risk mapping
 | **MDC, National GIS expert, and stakeholders**  |  |
| **DAY 3 (WORKING HOURS: 0900-1700)** |
| **Impact-based forecasting: DEVELOPING IMPACT AND ADVICE MATRICES** |
|  | Introduction to impact and advice matrices  | **Haleh Kootval** | **0900-1200** |
|  | Develop an impact matrix for a range of hazards and stakeholder groups. Review and discuss | **All participants with assistance from WMO and Deltares Experts** |  |
| **Coffee Break** |
|  | Develop a mitigation advice matrix for each hazard and stakeholder group. Review and discuss | **All participants with assistance from WMO and Deltares Experts** |  |
| **Lunch** |
| **TESTING AND COMMUNICATION**  |
|  | Stakeholders exercises using historical events or simulated scenarios to test each impact matrix and the resulting warning color  | **All participants with assistance from WMO and Deltares Experts** |  |
|  | Create and agree on SOPs for severe weather and related hydrometeorological events; and test  | **All participants led by Haleh Kootval** | **1300-1700** |
| **Coffee Break** |
|  | Create and agree on SOPs for severe weather and related hydrometeorological events; and test (continued) | **All participants led by Haleh Kootval** |  |
| **DAY 4 (WORKING HOURS: 0900-1700)** |
| **IMPLEMENTATION** |
|  | Topics for discussion and agreement:* Formalizing an operational partnership
* Training plan
* Creating a communication plan including community engagement
* Operational implementation
* Identification of resource gaps
 | **MDC, WMO,** **Stakeholders** | **0900-1200** |
| **Coffee Break** |
|  | Topics for discussion and agreement (continued) |  |  |
| **Lunch** |
|  | The next steps:* Timeline
* Milestones
* Deliverables
 | **WMO/MDC** | **1300-1700** |
|  | Closure of the workshop | **WMO/MDC** |  |

ABBREVIATIONS

MDC – Meteorological Department Curaçao

WMO – World Meteorological Organization \_\_\_\_\_\_\_\_\_\_