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