

## APPENDIX A: ABBREVIATIONS AND ACRONYMS

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| 53rd WRS | 53rd Weather Reconnaissance Squadron (of the U.S. Air Force Reserve Command)             |
| AAWE     | American Association for Wind Engineering  |
| ASP      | Aeronautical Survey Program (of NOAA/NOS/NGS)  |
| ATC      | Applied Technology Council [DHC participant]   |
| CAMEO    | Computer Aided Management to Emergency Operations  |
| CAP      | Civil Air Patrol   |
| CMP      | Coastal Mapping Program (of NOAA/NOS/NGS)  |
| COASTAL  | Consumer Option for an Alternative System to Allocate Losses (Act)                       |
| CO-OPS   | Center for Operational Oceanic Products and Services                                     |
| COPRI    | Coasts, Oceans, Ports, and Rivers Institute (of the American Society of Civil Engineers) |
| CSWR     | Center for Severe Weather Research [DHC participant]                                     |
| CU       | Colorado University [DHC participant]  |
| DHC      | Digital Hurricane Consortium   |
| DHS      | U.S. Department of Homeland Security   |
| DOC      | U.S. Department of Commerce  |
| DOD      | U.S. Department of Defense   |
| DOI      | U.S. Department of the Interior  |
| ERDC     | Engineering Research and Development Center  |
| ESF      | Emergency Support Function (under the National Response Framework)                       |
| FCMP     | Florida Coastal Monitoring Program   |
| FCMSSR   | Federal Committee for Meteorological Services and Supporting Research                    |
| FCO      | Federal Coordinating Officer [FEMA position for post-declaration disaster management]    |
| FEMA     | Federal Emergency Management Agency  |
| FIU      | Florida International University [DHC participant]                                       |
| GPS      | Global Positioning System  |
| GIS      | geographic information system  |
| GSD      | ground sample distance   |
| HAZMAT   | hazardous materials  |
| IAA      | Inter-Agency Agreement [FEMA mechanism for post-disaster-declaration funding support]    |
| ICMSSR   | Interdepartmental Committee for Meteorological Services and Supporting Research          |

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| JFO    | Joint Field Office (FEMA emergency response mechanism to a declared disaster)                   |
| LSU    | Louisiana State University (DHC participant)  |
| MoA    | Memorandum of Agreement   |
| MIT    | Mitigation Assessment Team (deployed by FEMA in response to a disaster)                         |
| NCEP   | National Centers for Environmental Prediction   |
| NCMP   | National Coastal Mapping Program (of USACE)   |
| NESDIS | National Environmental Satellite, Data, and Information Service                                 |
| NGS    | National Geodetic Survey (within NOAA/NOS)  |
| NIST   | National Institute of Standards and Technology  |
| NMAO   | NOAA Marine and Aviation Operations   |
| NOAA   | National Oceanic and Atmospheric Administration   |
| NOS    | National Ocean Service  |
| NPDI   | National Plan for Disaster Impact Assessments: Weather and Water Data                           |
| NRCC   | National Response Coordination Center (of DHS/FEMA)   |
| NRCS   | Natural Resources Conservation Service  |
| NWS    | National Weather Service  |
|        |   |
| OAR    | [NOAA] Office of Oceanic and Atmospheric Research (also called “NOAA Research”)                 |
| OCM    | Office for Coastal Management (in NOAA/NOS)   |
| OFCM   | Office of the Federal Coordinator for Meteorological Services and Supporting Research (in NOAA) |
| OR&R   | Office of Response and Restoration (in NOAA/NOS)  |
| OU     | Oklahoma University [DHC participant]   |
|        |   |
| PSMA   | Pre-Scripted Mission Assignment   |
|        |   |
| RGB    | red, green, blue [color imagery]  |
|        |   |
| SCAN   | Soil Climate Analysis Network   |
| SNOTEL | Snow Telemetry [automated observing station]  |
| SPC    | Storm Prediction Center   |
|        |   |
| TTU    | Texas Technological University [AAWE and DHC participant]                                       |
|        |   |
| UAH    | University of Alabama at Huntsville [DHC participant]   |
| UF     | University of Florida [DHC participant]   |
| URL    | Uniform Resource Locator  |
| USACE  | United States Army Corps of Engineers   |
| USAF   | United States Air Force   |
| USDA   | United States Department of Agriculture   |

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| USGS    | United States Geological Survey   |
| WCM     | Warning Coordination Meteorologist  |
| WFO     | [NWS] Weather Forecast Office   |
| WG/DIAP | Working Group for Disaster Impact Assessments and Plans: Weather and Water Data |
| WRS     | Weather Reconnaissance Squadron (see 53rd WRS)                                  |