

HAZARD MITIGATION RISK ANALYST

TYPE	TYPE 1	TYPE 2
DESCRIPTION	The Type 1 HM Risk Analyst prepares risk analytics and facilitates risk assessment processes for all of a community's mitigation efforts: Hazard Mitigation planning, post-disaster Hazard Mitigation Grant Program (HMGP) Subgrant project application development, Hazard Mitigation Assistance Subgrant applications, and Robert T. Stafford Disaster Relief and Emergency Assistance Act Section 406 mitigation project applications. Supports loss avoidance studies and explains relevance of hazard risks to building codes and building performance. Translates technical data for both technical and non-technical audiences and produces maps and technical reports on hazard/risk assessments.	The Type 2 Hazard Mitigation (HM) Risk Analyst provides support to jurisdictions with technical assistance and risk analysis guidance for HM Plan development/update and Hazard Mitigation Assistance (HMA) Grants and supports HM Planning Team or HM Operational Team activities by analyzing risk and vulnerability, providing technical assistance for Benefit-Cost Analyses (BCA), and Loss Avoidance studies. Assists stakeholders in defining Geographic Information Systems (GIS) products for risk analysis and produces maps based on hazard/risk assessments.
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified	Not Specified
	NOTES: Not Specified	
TRAINING	Same as Type 2 PLUS: 1.E0207:Introduction to Hazard Mitigation Field Operations 2.E0167:Hazard Mitigation: Hazard Performance Analysis Specialist Qualifying Course	Same as Type 3 PLUS: 1.FEMA GIS and Advanced Mapping Tutorial Series 2.E0170: Hazus Multi-Hazard for Hurricane 3.E0172: Hazus Multi Hazard for Flood 4.E0174: Hazus Multi Hazard for Earthquake 5.E0176: Hazus Multi Hazard for Flood Plain Managers 6.E0296: Application of Hazus Multi Hazard for Risk Assessment 7.Esri: Introduction to the HAZUS-MH 2.0 Storm Surge Model
	NOTES: Not Specified	
EXPERIENCE	Same as Type 3 PLUS: 1.Working knowledge of local and/or tribal Hazard Mitigation Planning risk assessment mitigation strategy development requirements, HMA grants, and Robert T. Stafford Disaster Relief and Emergency Assistance Act Section 406 mitigation grants (42 USC 5172) 2.Ability to effectively explain risk analysis to non-technical audiences	Same as Type 3
	NOTES: Not Specified	
PHYSICAL/MEDICAL FITNESS	Same as Type 2	Same as Type 3
	NOTES: Not Specified	
CURRENCY	Not Specified	Not Specified
	NOTES: Not Specified	

Superseded



TYPE	TYPE 1	TYPE 2
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified
	NOTES: Not Specified	

Superseded



TYPE	TYPE 3	NO TYPE 4
DESCRIPTION	The Hazard Mitigation (HM) Risk Analyst can assist with basic risk analysis technical assistance and guidance for local HM Plan development/update with regard to Geographic Information Systems (GIS), and Hazard Mitigation Assistance (HMA) Grants. Also, produces GIS maps, as directed, to illustrate hazard risk.	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified	Not Applicable
	NOTES: Not Specified	
TRAINING	1.IS-100: Introduction to Incident Command System, ICS-100 2.IS-200: ICS for Single Resources and Initial Action Incidents 3.ICS-300: Intermediate ICS for Expanding Incidents 4.IS-103: Geospatial Information Systems Specialist 5.IS-700: National Incident Management System (NIMS), An Introduction 6.IS-704: NIMS Communications and Information Management 7.IS-800: National Response Framework, An Introduction 8.IS-922: Applications of GIS for Emergency Managers 9.E0179: Application of Hazus Multi Hazard for Disaster Operations 10.E0190: ArcGIS for Emergency Managers 11.E0313: Basic Hazus Multi-Hazard Training on GIS software to include: 1.Basics of Geo Databases 2.Editing and Managing Geo Databases 3.Understanding GIS Queries 4.Learning Visual Basics of Applications	Not Applicable
	NOTES: Not Specified	
EXPERIENCE	Experience that demonstrates the ability to use GIS tools, modeling, and available datasets for risk analysis including but not limited to: 1.US Geological Survey Hazards Data Distribution System 2.Federal Geographic Data Committee Geospatial Platform (GeoPlatform) 3.FEMA Risk MAP	Not Applicable
	NOTES: Not Specified	
PHYSICAL/MEDICAL FITNESS	Ability to perform duties under arduous circumstances, characterized by working consecutive 12-14 hour days under physical and emotional stress for sustained periods of time	Not Applicable
	NOTES: Not Specified	
CURRENCY	Not Specified	Not Applicable
	NOTES: Not Specified	

Superseded



TYPE	TYPE 3	NO TYPE 4
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Applicable
	NOTES: Not Specified	

Superseded

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (Hazard Mitigation Operations Team/Hazard Mitigation Planning Team)
3. () Can be ordered in conjunction with a NIMS typed unit

REFERENCES

1. FEMA, NIMS 509-14 Geographic Information Systems (GIS) Analyst
NOTE: This job title/position qualification is under development by the National Integration.
2. FEMA, The FEMA Qualifications System (FQS), FQS Guide: Appendix B: Incident Management Position Qualification Sheets, December 2012

NOTES

Nationally typed resources represent the minimum criteria for the associated category.

Superseded