

Cornell University

EMERGENCY OPERATIONS PLAN

Cornell University Office of Emergency Management

Emergency Operations Plan

Version 7.0

Version 7.0

Emergency Operations Plan

Version 7.0

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1. Introduction

This Emergency Operations Plan provides the framework by which Cornell University will respond to and manage emergency incidents affecting the University. This plan identifies the overall concepts Cornell will use to manage emergencies, primary objectives and priorities in response to emergencies, personnel and the organizational groups to be utilized during emergencies, capabilities, functions and facilities available to manage and resolve emergencies, processes for activating the components of this plan, and procedures to use during an emergency.

This plan is promulgated under the authority of the Executive Vice President/CFO and is managed by the Department of Environmental Health and Safety under the direction of the Associate Vice President Compliance and Risk Services. The authorities, standards, and references listed in Appendix E: are used in the development and implementation of this plan.

This plan is maintained by the Cornell University Department of Environment, Health and Safety Office of Emergency Management. The plan is reviewed at least annually, and after-action reports are used to identify and document recommended plan changes after campus incidents. For further information, contact the department by phone at (607)255-8200 or e-mail <u>askehs@cornell.edu</u>.

2. Concept of Operations

Cornell University will strive to manage campus emergency incidents rapidly and effectively through clear leadership, effective management, and timely response. Management of emergencies at Cornell University will utilize practices from the National Incident Management System (NIMS). Management of response actions and resources during emergency incidents will be done using the Incident Command System (ICS). Incident Action Plans (IAP), verbal or written, will document the strategies, tactics, and resources to manage the incident.

Management of campus incidents begins with first responders and elevates to include others from the University and local community as additional resources are applied to the incident. First responders should implement Incident Command System elements and establish incident command or multi-agency incident command to manage incident operations.

The Emergency Operations Plan (EOP) is written in a capabilities-based format and is designed to be used as the framework for responding to and managing incidents caused by both anticipated and unexpected hazards. Emergency response capabilities and responsibilities are documented as Emergency Support Function (ESF) Annexes to this plan. Activation of specific capabilities and resources will be limited to those needed to respond to and manage the particular incident or event.

3. Objectives

The primary objectives of the Emergency Operations Plan (EOP) are to apply University and community resources to:

- Preserve human life
- Facilitate continuity of academic, research, and business operations
 - Protect and preserve University research including animals and plants
 - Protect and preserve University property and structures
 - Restore operations
- Protect the environment

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4. Incident Response and Incident Management Personnel

Incident Response and Incident Management Personnel provide response to and management of campus emergency incidents.

- A. First Responders provide initial response to and management of campus emergency incidents.
 - 1. Ithaca Campus
 - a. Cornell University Police Department
 - b. Cornell University Environment, Health and Safety
 - 2. Non-Ithaca Campus Locations
 - a. Local police, fire, and emergency medical services
 - b. Local campus representative or designee.
- B. Emergency Support Function (ESF) Personnel provide ESF response to and management of campus emergency incidents.
 - 1. Office of Emergency Management Personnel
 - 2. Facilities Services Personnel
 - 3. Student and Campus Life Personnel
 - 4. Human Resources Personnel
 - 5. University Relations Personnel
 - 6. Information Technologies Personnel
 - 7. Procurement Services Personnel
 - 8. Animal Care Personnel
- C. Incident Support Personnel support campus emergency incidents as follows:
 - 1. Environment, Health and Safety
 - Guide decisions and actions related to safety of campus and incident operations
 - Guide decisions and actions related to compliance with environmental and research
 regulations
 - 2. Cornell Police
 - Guide decisions and actions related to Clery Act compliance
 - 3. Human Resources
 - Guide decisions and actions related to employment and employees
 - 4. Risk Management and Insurance
 - Guide decisions and actions related to potential liability concerns
 - Guide decisions and actions related to damage documentation and insurance claims
 - Guide operations for incidents involving international university travel
 - Guide decisions and actions related to continuity and recovery strategies
 - 5. Academic Operations
 - Guide decisions and actions related to university academic operations
 - Liaison to academic operations as outlined in the Incident Support Personnel: Academic Operations Annex
 - 6. Research Operations
 - Guide decisions and actions related to university research operations
 - Liaison to research operations as outlined in the Incident Support Personnel: Research Operations Annex

- D. Incident Management Team (IMT) Team of personnel assembled to provide management of and support to campus emergency response, continuity, and recovery operations.
 - 1. The IMT role and organization will vary based on the specifics of the incident including:
 - Incident size, scope, and complexity
 - The presence of or lack of field operations
 - Any secondary impacts of the incident on campus operations
 - The need for implementation of continuity of operations plans
 - 2. Incident Management Team membership will be based on the needs of the incident and may include representatives from:
 - a. Units responsible for Emergency Support Functions
 - b. Units responsible for providing Incident Support
 - c. Campus units impacted by the emergency incident (directly or indirectly)
 - IMT role and organization for each incident will be determined by Office of Emergency Management personnel in consultation with any on-scene Incident/Unified Command. The IMT may function:
 - As a functional coordination center providing resources and support to on-scene Incident/Unified Command. On-scene Incident/Unified Command may ask the IMT for support with non-scene tasks such as public information and alerting, logistics coordination, incident planning, intelligence gathering, etc.
 - Directly as Incident/Unified Command with on-scene activities being managed by an onsite Operations Branch reporting to the IMT.
 - Directly as Incident/Unified Command responsible for secondary impacts to University operations and continuity while also providing functional coordination center support to on-scene Incident/Unified Command. (In this structure there may be two incident commanders. One on site managing the primary incident and one on the IMT managing the secondary impacts of the primary incident on the rest of the campus.)
 - As Incident/Unified Command for incidents that do not involve field operations.
 - As Area Command for incidents involving on-scene activities at multiple locations.
 - To manage and support continuity and/or recovery operations.
 - 4. In all cases, the IMT will provide coordination and delivery of capabilities outlined in the Emergency Support Function (ESF) Annexes of this document.
 - 5. Incident Management Team membership and organization may change as incidents move from response operations to recovery operations.
- E. Incident Leadership Team (ILT) Team of University executive level personnel assembled to provide strategic guidance and resources during emergency incidents.
 - 1. The ILT will provide as needed:
 - a. Fiscal authorizations
 - b. Strategic prioritizations
 - c. Strategic guidance of recovery and resumption of normal operations
 - d. Communications with the Office of the President and other executive authorities
 - 2. ILT members are the following roles:

- a. Executive Vice President and Chief Financial Officer
- b. Vice President Facilities and Campus Services
- c. Vice President Human Resources
- d. Vice President Student and Campus Life
- e. Vice President University Relations
- f. Senior Vice Provost and Dean of Graduate School
- g. Vice Provost for Undergraduate Education
- h. President's Chief of Staff
- i. Vice President and General Counsel
- j. Associate Vice President Compliance and Risk Services
- k. Cornell Police Chief
- I. Senior Director Environment, Health and Safety (as ILT liaison)
- m. Subject matter experts as appropriate to the incident
- F. President's Office President and Provost
 - 1. Support the ILT through the following methods:
 - a. Determine policy and make policy level decisions
 - b. Provide communications to and from the Board of Trustees
 - c. Provide strategic guidance for campus recovery
 - d. Act as University spokesperson, as appropriate
- G. Subordinates to the President
 - 1. Senior University and college administrators will participate on the ILT at the request of the ILT members. University and college administrators may also be requested to take functional roles providing support to the ILT or the President's Office.

Version 9.0 07 January 2022 **Cornell University Incident Management Structure** ILT Roles IMT Roles Strategic prioritizations Operational command and control ٠ · University statements Management of tactical and field Communications with operations President University President President and Cabinet Deployment of resources · Fiscal authorizations Emergency messaging related to University Provost Strategic policy and direction safety and operations Situation reports to the ILT • Vice Provost for Undergraduate Education ILT is composed of these primary ILT Chair Incident Leadership cabinet executives. Other University (selected from ILT) executives will be brought in based Vice Provost for Graduate Education and Team (ILT) on specifics of incident. ILT Liaison Dean of the Graduate School (Sr. Director of Environment, Health and Safety) Vice President and General Counsel Executive Vice VP Human Chief Cornell AVP Compliance VP University VP Facilities and VP Student and Chief of Staff - Special Subject Matter President and CFO Resources Police and Risk Services Relations Campus Services Campus Life Counsel to the President Expert Academics and Education IMT is composed of a subset of IMT Coordinator Incident Management Team (INIT) representatives from these (EHS Emergency Research departments based on the specifics of Management) Other Departments the incident. as Needed Risk Management and Insurance Cornel1 Environment, Health Facilities and Student and Human Procurement Cornell Health Cornell Police UniversityRelations Information CARE Resources and Safety Campus Services Campus Life Services Technologies Fire and Rescue (ESF) Services Emergency Law Emergency Support Functions Enforcement and Mass Care Management Transportation Security Emergency Medical University Information Personnel Procurement Animal Care Health Services Facilities Services Student and Relations Technologies Management Services Services Community Incident Response Hazardous Materials Utilities Crisis Support Communication Response Incident Response Communications

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5. Emergency Support Functions

- A. The Emergency Support Function (ESF) Appendix to this document organizes University units and resources into functional groups according to their roles in response to campus emergencies and incidents. The ESF Appendix provides basic information regarding coordinating and supporting departments and agencies and their respective emergency support actions that could be utilized to manage and resolve campus incidents.
- B. Cornell University Ithaca Based Emergency Support Functions and Coordinating Units
- ESF-1 Transportation
- ESF-2 Information Technologies
- ESF-3 Facilities Services
- ESF-4 Fire and Rescue Services
- ESF-5 Emergency Management
- ESF-6 Mass Care
- ESF-7 Procurement Services
- ESF-8 Health Services
- ESF-9 Emergency Medical Services
- ESF-10 Hazardous Materials Response
- ESF-11 Animal Care
- ESF-12 Utilities
- ESF-13 Law Enforcement and Security
- ESF-14 RESERVED FOR FUTURE USE
- ESF-15 University Relations
- ESF-16 Incident Response Communications
- ESF-17 Personnel Management
- ESF-18 Student and Community Crisis Support

Unit: Transportation Services Unit: Cornell Information Technologies Unit: Facilities and Campus Services Unit: Environment, Health and Safety Unit: Office of Emergency Management Unit: Student & Campus Life Enterprise Services Unit: Procurement and Payment Services Unit: Cornell Health Unit: Environment, Health and Safety Unit: Environment, Health and Safety Unit: Center for Animal Resources & Education Unit: Utilities and Energy Management Unit: Cornell University Police Department

Unit: University Relations

Unit: Cornell University Police Department Unit: Human Resources Unit: Dean of Students

6. Plan Activation

Procedures for reporting emergency incidents varies from campus to campus. Refer to Appendix A for site specific procedures.

This plan is activated when first responders are dispatched to a campus emergency incident. First responders are to follow the plan concepts and activate those response and management resources needed to resolve the incident. Additional management resources will be activated when incidents exceed first responder management capabilities or have secondary effects and impacts beyond the immediate incident scene. For incidents that do not involve campus first responders this plan may also be activated at the IMT or ILT levels detailed below.

- A. First Responder Activation -
 - 1. **ITHACA CAMPUS:** Cornell Police 911 Center will dispatch University fire, police, and EMS resources and request the Tompkins County 911 Center to dispatch community fire, police, and EMS resources based on reports of campus emergency incidents and requests by the Incident Commander of the first response personnel.
 - 2. **REMOTE CAMPUS:** Local 911 Center dispatches community fire, police, and EMS resources based on reports of emergency incidents and requests by local response personnel. Campus and facility personnel are notified by the processes documented in Appendix A.
- B. Emergency Support Function (ESF) Activation -
 - ITHACA CAMPUS: Cornell Police 911 Center will request ESF resources outlined in the Emergency Support Function Annexes upon request of the Incident Commander. Environment, Health and Safety Office of Emergency Management may also be utilized to coordinate activation of ESF resources.
 - 2. **REMOTE CAMPUS:** Local campus representatives may contact Environmental Health and Safety to activate applicable Ithaca based Emergency Support Functions.
- C. Incident Management Team (IMT) Activation Cornell Environment, Health and Safety Office of Emergency Management will activate an Incident Management Team upon request of the Incident Commander, an Emergency Support or Incident Support Function representative, an impacted University unit, a member of the Incident Leadership Team, or the University President.
- D. Incident Leadership Team (ILT) Activation Cornell Environment, Health and Safety Office of Emergency Management will activate an Incident Leadership Team upon request of the Incident Leadership Team or the University President.

7. Response Priorities

- A. Cornell University personnel, equipment, and resources will be utilized in the following priority order:
 - 1. Priority 1: Protect and save the lives of University faculty, staff, students, and visitors, and emergency responders.
 - 2. Priority 2: Facilitate continuity of academic, research, and business operations.
 - a. Protect and preserve research including animals and plants.
 - b. Protect and preserve University property and structures.
 - c. Protect the environment.
 - d. Restore operations.

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- B. Priority for property protection will vary based on the particular emergency but should be based on the following guidance:
 - 1. Property Priority 1: Occupied buildings used by dependent populations that cannot be safely evacuated
 - a. Occupied residential facilities
 - b. Occupied classrooms, auditoriums, work areas
 - c. Occupied arenas and special event venues
 - 2. Property Priority 2: Buildings critical to health and safety
 - a. Shelter facilities, food supplies, and medical facilities
 - b. Sites containing hazards that if left unprotected could become threats to health and safety.
 - 3. Property Priority 3: Facilities that sustain the emergency response and recovery
 - a. Emergency Facilities
 - b. Energy systems
 - c. Communications services
 - d. Computer installations
 - e. Transportation systems
 - 4. Property Priority 4: Unoccupied research and classroom facilities and buildings
 - 5. Property Priority 5: Unoccupied administrative buildings
- C. Incident Command Post (ICP) The field location at which the primary tactical-level, on-scene incident command functions are performed. The Incident Commander at an incident scene is responsible for establishing an incident command post if needed. Incident responders arriving on the scene check in with the Incident Commander by radio or at the incident command post for direction and assignment.
- D. Emergency Operations Center (EOC) A facility to be used as the single coordination center for the management of information, decision-making, and resource support and allocation during response or recovery operations. The facility may be used as an Incident Command Post, Incident Management Team meeting and operational center, or an Incident Leadership Team meeting location. Cornell University maintains two permanent facilities that may be activated as Emergency Operations Centers and a variety of other facilities that may be adapted to use as Emergency Operations Centers. Responsibilities for campus Emergency Operation Centers is detailed in ESF #5: Emergency Management.

8. Emergency Procedures

- A. Preparation and familiarity with emergency plans and procedures is critical to taking effective and appropriate actions during emergencies. All members of the Cornell community should become familiar with University emergency procedures.
 - Cornell University Emergency Action Guide This guide provides information on actions campus community members should take in emergency situations. The Ithaca Campus guide is available at the Cornell University Emergency Management Web Site <u>http://emergency.cornell.edu</u>

At non-Ithaca campuses, contact your local campus safety or security department for a copy of your local emergency action guide.

Cornell University Fire Safety Plan – A standardized fire safety plan detailing actions to take in an emergency. The Ithaca campus plan is available for printing and posting in campus facilities and can be found at the Cornell University Environment, Health and Safety web site in the Fire Safety Section: <u>https://ehs.cornell.edu/campus-health-safety/fire-and-life-safety/fire-safety-plans</u>

At non-Ithaca campuses, contact your local campus safety or security department for a copy of your local emergency action guide.

Foreign language versions of the Ithaca campus plan are also available at the above web site. Braille versions may be obtained by contacting Cornell University Environment, Health and Safety by phone at (607)255-8200 or by e-mail at askehs@cornell.edu.

- 2. Building Escape Route Maps Building floor plans posted in the public areas of campus facilities showing the emergency egress and escape routes that can be used to exit the building in case of emergency.
- 3. Unit specific emergency action procedures University units may have specialized emergency procedures to address special circumstances associated with their departmental operations or facilities. This includes, but is not limited to, specialized evacuation procedures, specialized facility emergency procedures, and emergency shutdown procedures. Individuals associated with such departments must be familiar with and receive appropriate training in such department specific procedures.
- 4. Emergency Support Function (ESF) Unit specific response procedures University units responsible for provision of ESF services as outlined in the ESF Annexes must develop procedures to provide those services. Personnel associated with unit ESF response must be familiar with and receive appropriate training in their department specific response procedures.

9. Emergency Communications

- A. Cornell University maintains a variety of communications tools and systems to provide emergency warning to the Cornell community. Activation of elements of the warning system will be decided on by the Incident Commander and/or Incident Management Team based on the specific incident response needs.
 - The Cornell community should understand the various communication channels that may be employed to convey information about a specific campus incident or a change in the University's operating status. More information can be found at the Cornell University Emergency Management web site <u>http://emergency.cornell.edu/emergency-notifications/</u>

10. Appendices

- A. Procedures for Reporting Emergencies
- B. Emergency Support Functions and Incident Support Personnel
- C. Cornell University Incident Response and Management Process
- D. Plan Assumptions
- E. Authorities and References
- F. Plan Review and Revision History

Appendix A: Procedures for Reporting an Emergency

Ithaca Campus

In the event of an emergency notify the Cornell 911 Center, operated by Cornell Police, by one of these methods:

- Call 911 from any campus phone
- Call 607-255-1111 from a cellular or off-campus phone
- Use a Blue Light Telephone or other campus Emergency Telephone
- In case of fire, activate the building fire alarm using a manual fire alarm pull-station

For further information on actions to take in an emergency refer to the Cornell University Emergency Action Guide at the Cornell University Emergency Program Web Page <u>http://emergency.cornell.edu</u>

Cornell AgriTech Campus – Geneva, NY

In the event of a life-threatening emergency call 9-911 from any campus telephone or 911 from a cellular telephone. After calling 911 call 315-787-2499 (when possible and safe to do so) to notify station staff of the incident.

In the event of a non-life threatening incident call 315-787-2499 to notify station personnel.

Architecture Art Planning Program in New York City (AAP NYC)

In the event of a life-threatening emergency call 911 from any telephone. After calling 911, call 347-443-4504 to notify AAP NYC staff of the incident.

In the event of a non-emergency situation call 347-443-4504 to notify AAP NYC staff.

Cornell Tech Campus –Roosevelt Island, New York City

Incidents of crime and other serious emergencies which require immediate assistance and which occur on the Cornell Tech campus should be reported to the NYPD by dialing 911.

Calling 911

- Act quickly but calmly.
- Get to a safe place if possible
- Be prepared to describe:

Nature of Incident

- Fire: type and size of fire
- Medical: type of illness or injury and specific cause, if you know it
- Police: the crime or danger and descriptions of suspects, vehicles if any are
- o involved, and the direction of their travel
- Chemical: chemicals involved, quantity, hazards, and injuries

AND

Location of Incident

- Building name
- Room or apartment number
- Street address
- Landmarks near location if outdoors
- Stay on the line. Answer all questions. Let the dispatcher hang up first. If disconnected, call back immediately.

If reporting a non-emergency:

- Do NOT call 911
- Call the campus safety and security dispatch at 646-971-3611

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Appendix B: Emergency Support Functions and Incident Support Personnel

Emergency Support Functions

Emergency Support Functions (ESFs) define and organize the capabilities and functional services Cornell University uses to prepare for, respond to, and recover from campus incidents. Emergency Support Functions are assigned to coordinating units which are responsible for ensuring the support function capability is developed and maintained pre-incident and is deployed and managed during incidents.

Emergency Support Function assistance can be requested by an Incident Commander or individual campus units to support incident response and recovery operations. Requests for normal campus services, including emergency services, should follow the processes outlined in the Cornell Emergency Action Guide found on the sidebar of <u>http://emergency.cornell.edu</u>. Requests for ESF support that fall outside of those processes should be directed to the Cornell Police Dispatch Center (607)255-1111. The Cornell Police Dispatch Center will notify the appropriate ESF representative or contact the Office of Emergency Management for ESF activation.

Responsibilities of Coordinating Units

Coordinating units are responsible for coordinating the following emergency management activities for their Emergency Support Functions:

- Preparedness
 - Develop and maintain response plans and procedures, trained personnel, and equipment and supplies needed for the provision of the support function.
 - Develop and maintain lists of campus, community, and vendor resources that could be utilized in the provision of the support function.
 - Identify two departmental representatives to serve as Emergency Support Function representatives on Incident Management Teams as needed. Ensure the representatives have adequate training and authority to deploy and manage the Emergency Support Function services and resources.
 - Participate in Office of Emergency Management coordinated Emergency Support Function Team trainings, exercises, and meetings.
 - Develop ESF related continuity plans as outlined in the Cornell University Continuity of Operations Plan.
- Response and Recovery
 - Coordinate and manage the provision of Emergency Support Function services assigned to their department.
 - When requested participate on Incident Management Teams to manage incident response and recovery activities.
 - Document all incident related costs.
- Post Incident
 - Participate in after incident reviews and development of after action reports and improvement plans.
 - Participate in implementation of after action report and improvement plan recommendations.

The following Emergency Support Function documents are annexes to this plan.

- ESF-1 Transportation
- ESF-2 Information Technologies
- ESF-3 Facilities Services
- ESF-4 Fire and Rescue Services

- ESF-5 Emergency Management
- ESF-6 Mass Care
- ESF-7 Procurement Services
- ESF-8 Health Services
- ESF-9 Emergency Medical Services
- ESF-10 Hazardous Materials Response
- ESF-11 Animal Care
- ESF-12 Utilities
- ESF-13 Law Enforcement and Security
- ESF-14 RESERVED FOR FUTURE USE
- ESF-15 University Relations
- ESF-16 Incident Response Communications
- ESF-17 Personnel Management
- ESF-18 Student and Community Crisis Support

Incident Support Personnel

Incident Support Personnel provide subject matter expertise, represent their specific constituencies, and guide decisions and actions related to their area of responsibility. Incident Support Personnel responsibilities are outlined in section 4-C of this plan.

The following Incident Support Personnel documents are annexes to this plan.

- Emergency Operations Plan Incident Support Personnel: Academic Operations
- Emergency Operations Plan Incident Support Personnel: Research Operations

Appendix C: Incident Response and Management Process



Cornell University Incident Response and Management Process

Incident Occurs	Notification of Incident	Dispatch Centers	Appropriate Response Resources Dispatched	Incident Operations	Incident Magnitude	Incident Management Team (IMT)	Incident Leadership Team (ILT) (VPs)	President and Provost
Fire Medical Rescue Crime Hazmat Safety Issue	Phone call to FCS CS 607-255-5322 Building Monitor or Automation Alarm System Call to Cornell 911 or 607-255-1111	Cornell FCS Facilities Management Customer Service Center Cross center communications	Facilities Management Shift Mechanic FCS Trade Shops Cornell EHS	A unified command management system that uses inter- agency command and control to coordinate incident operations On scene incident response personnel request additional	Routine • Quickly resolved • Minor or no injuries/illness • False alarms • Minor or no facility damage (Thousands per year) Serious • Extended Response (1-3 hours) • Serious injuries/illness • Fires with damage • Moderate facility damage • Informational campus messaging needed • Minimal secondary impacts to campus (Less than 200 per year)	Notifications per response department's internal protocols Notification per protocol and/or Partial IMT Activation (Limited members and/or periodic meetings)	VP notification per protocol	Notification per protocol
Fire Alarm Burglar Alarm Elevator Entrapment Facility Damage Utility Failure Other	Cornell Fire or Burglar Alarm System	911 Center Cross center communications Tompkins County	Cornell Police Cornell Emergency Medical Service Tompkins County Fire/Rescue Ambulance	resources and support as needed. (Refer to Emergency Operations Plan for list of Emergency Support Functions that may be requested to support	Significant Long Term Response (>3 hours) Additional Emergency Support resources or off- scene coordination & management needed Emergency or coordinated campus messaging needed Major injuries/illness Significant damage requiring facility closure/relocation. Significant secondary impacts to campus (Less than 10 per year)	Partial Incident Management Team Activation (Limited members and/or periodic meetings)	Notification and/or briefing OR Partial ILT Activation (Limited members and/or periodic meetings)	Notification, briefing, and/or consultation per protocol
		911 Center	Police Public Works Regional Air Medical Dean of Students notification or activa response field operations	tion per protocol. s but go directly to	Major • Multi-day operations • Multiple loss of life or large number of injured/ill • Damage to multiple facilities • Requires limiting campus operations, cancellation of all classes, campus closure. • Long term impacts to a college, division, or entire university • Major PR issues or media attention (Less than 1 per year)	Full Incident Management Team Activation	Full Incident Leadership Team Activation	Regular briefings and consultations

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Appendix D: Plan Assumptions

The Cornell University Emergency Operations Plan has been developed using various assumptions about the nature, timing, and scope of emergency incidents and disasters and the availability of resources to respond to and manage those situations. These assumptions include:

- Incidents can occur on any day, at any time, and with little or no warning.
- Incidents requiring University response and incident management activities may not fall within the traditional "emergency services" domains of fire, police, or emergency medical services.
- Initial emergency response capabilities may be inadequate to contain, control or manage the hazard or incident.
- Response and recovery activities may be beyond the responsibilities and capabilities of initial response personnel.
- Cornell University and the local community could be subject to more than one incident or disaster at a time.
- Incident management activities need to include management of the primary incident and management of secondary impacts caused by the primary incident.
- University and community resources may be quickly overwhelmed by large scale incidents.
- Mobilization and response of regional, state, and federal resources may take long periods of time.
- Local, regional, state, and federal resources may not be readily available to Cornell University during large scale regional disasters and emergencies.
- Communications systems may fail or have inadequate capacity to meet demand during a major incident.
- Shortages of support personnel and equipment can be expected.
- Basic utilities and services, including electrical, water, natural gas, telecommunications, and other information technology services may be interrupted.
- Buildings, infrastructure, and equipment may be damaged or destroyed.
- Existing facilities may need to be supplemented, repaired, or replaced to support campus response and recovery efforts.
- Normal suppliers may not be capable of delivering goods and services in a timely manner.
- Sabotage and criminal activities could disrupt response efforts.
- Severe weather, including heavy snow, ice storms, flash floods, high winds, tornadoes, droughts, extreme temperatures, and other weather related emergencies and natural disasters will continue to occur regularly in Tompkins County and New York State.
- Incidents may require the suspension of certain campus services, functions, and activities and/or closure of roadways, buildings and areas of the campus.
- Incidents may require temporary shelter facilities and food service operations for displaced populations or to support rest and feeding needs of first responders and campus staff providing services during the emergency.
- In a large scale medical, infectious disease, or mental health emergency the number of patients may exceed the capacity of the campus and/or community healthcare systems.
- Anxious or "worried well" individuals (patients who are not ill, do not have symptoms, and/or have not been exposed but are convinced they are or will be ill) may significantly increase the number of individuals seeking care or treatment.
- Spontaneous and unsolicited volunteers will require organization and management beyond the abilities of initial emergency response personnel.
- Reassignment of campus employees and use of temporary employees and volunteers may be necessary to supply adequate personnel for incident operations.

Appendix E: Authorities and References

This plan is promulgated under the authority of the Executive Vice President/CFO and is managed by the Department of Environment, Health and Safety under the direction of the Associate Vice President Compliance and Risk Services. The following authorities, standards, and references are used in the development and implementation of this plan.

Federal Authorities

- Presidential Policy Directive/PPD-8: National Preparedness
- Presidential Policy Directive/PPD-21: Critical Infrastructure Security and Resilience
- Homeland Security Presidential Directive/HSPD-5: Management of Domestic Incidents
- Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended
- Code of Federal Regulations (CFR), Title 44. Emergency Management Assistance
- Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), PL 99-499 as amended.
- Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (Clery Act), 20 USC § 1092(f)
- Occupational Safety and Health Administration
 - OSHA 29 CFR 1910.38 Emergency Action Plans
 - OSHA 29 CFR 1910.120 Hazardous Waste Operations and Emergency Response
 - OSHA 29 CFR 1910.146 Permit-Required Confined Spaces
 - OSHA 29 CFR 1910.151 Medical Services and First Aid
 - OSHA 29 CFR 1910.156 Fire Brigades

New York State Authorities

- NYS Executive Law Article 2-B
- NYS Executive Order #26.1 (adoption of NIMS)
- NYS Uniform Fire Prevention and Building Code

Standards and References used for guidance

- National Preparedness System
- State University of New York (SUNY) Emergency Response Plan Requirements Procedure
- National Fire Protection Agency (NFPA) 1600 Standard on Disaster/Emergency Management and Business Continuity Programs;
- Emergency Management Accreditation Program (EMAP) Emergency Management Standard
- U.S. Department of Education Guide for Developing High-Quality Emergency Operations Plans for Institutions of Higher Education
- U.S. Department of Education Readiness and Emergency Management for Schools Technical Assistance Center (REMS TA)
- FEMA Comprehensive Preparedness Guide 101 (CPG 101): Developing and Maintaining Emergency Operations Plans
- FEMA Comprehensive Preparedness Guide 201 (CPG 201): Threat and Hazard Identification and Risk Assessment Guide

Appendix F: Plan Review and Revision History

Summary of Changes	Date	Completed By					
Full plan review and update to version 4.0	11/21/2016	D. Maas, OEM					
Added Authorities and References and Plan Review and Revision History Appendices							
Added information for non-Ithaca based campuses.							
 Updated Cornell University Incident Management Structure and 	d IMT membership.						
 Added Cornell University Incident Response and Management 	Process.						
 Changed "Gannet Health Services" to "Cornell Health." 							
Annual plan review and update to version 5.0	09/15/2017	D.Maas, OEM					
 Updated ILT membership to include University Counsel/Secreta Chief of Staff. 	ry of the Corporation	and President's					
 Replaced Cornell Incident Management Structure diagram with updated version. 							
Updated Cornell Tech procedures for reporting an emergency to reflect move to Roosevelt Island							
campus.							
Updated ESF version numbers.							
Minor update to version 5.1	09/17/2017	D.Maas, OEM					
 Correct Cornell Tech non-emergency phone number & update 							
Full plan review and update to version 6.0	07/22/2019	D.Maas, OEM					
 Appendix B was rewritten and includes information previously located in individual ESF documents. 							
 Appendix D: Plan Assumptions was created and includes information previously located in individual ESF documents. 							
 All ESF annex documents were revised and simplified. 							
• Emergency Support Functions were renumbered to align with governmental numbering schema.							
Full plan review and update to version 7.0	01/22/2022	D.Maas, OEM					
 Updated unit names throughout the plan. 							
 Updated ILT membership and corrected unit/position titles. 							
 Added Vice Provost Undergraduate Education 							
 Added Incident Support Personnel for Academic and Research Operations. 							
 Verified phone numbers listed in Appendix A. 							
Added Incident Support Personnel information to Appendix B.							
All ESF annex documents reviewed ESF representatives with updates to ESF4, 8, 9, 10, and 15.							