Appendix A – Ontology Specification

This appendix lists the ontology classes, object properties and data properties.

Classes

Agriculture

Name	Agriculture
Definition	Agricultural used spaces (e.g. field and acre).
Subclass of	EcologicalAsset

Animal

Name	Animal
Definition	Represents animals in danger during a natural disaster.
Subclass of	LivingBeing

Asset

Name	Asset
Definition	Any non-living item of interest.
Subclass of	VulnerableObject
Disjoint with	LivingBeing

Audio Item

Name	AudioItem
Definition	Represents an audio recording.
Subclass of	AudioItem
Disjoint with	TextItem, ImageItem, VideoItem

Bridge

Name	Bridge
Definition	Represents bridges.
Subclass of	Structure

Building

Name	Building
Definition	A structure with walls and a roof (e.g. a house or factory).
Subclass of	Structure

Car

Name	Car
Definition	Represents any type of car.
Subclass of	Vehicle

Climate Parameter

Name	ClimateParameter
Definition	Represents the actual manifestation of a climate parameter measurement.
Instance of	owl:Class

Climate Parameter Type

Name	ClimateParameterType
Definition	Represents various types of climate-related parameters (e.g. temperature, humidity, etc.).
Instance of	owl:Class

Communication

Name	Communication
Definition	Represents any type of (tele)communication infrastructure.
Subclass of	Infrastructure

Data Analysis

Name	DataAnalysis
Definition	A type of a task involving data analysis.
Subclass of	Task

Dataset

Name	Dataset
Definition	Represents the dataset produced by some task.
Instance of	owl:Class

Detection

Name	Detection
Definition	Represents detections in a dataset (e.g. a person trapped in the flood).
Instance of	owl:Class

Dunes

Name	Dunes
Definition	Represents dunes.
Subclass of	EcologicalAsset

Ecological Asset

Name	EcologicalAsset
Definition	Ecological assets of various types.
Subclass of	Asset

Educational Facility

Name	Educational Facility
Definition	Represents any type of educational facility (e.g. school or university).
Subclass of	Infrastructure

Electric Energy Supply

Name	ElectricEnergySupply
Definition	Represents electric energy supply infrastructure.
Subclass of	Energy

Energy

Name	Energy
Definition	Represents any type of energy-generating infrastructure.
Subclass of	Infrastructure

Fire Department

Name	FireDepartment
Definition	Represents fire departments.
Subclass of	Infrastructure

Garbage Collection

Name	GarbageCollection
Definition	Represents garbage collection infrastructure and services.
Subclass of	Infrastructure

Hospital

Name	Hospital
Definition	Represents hospitals.
Subclass of	Infrastructure

Human

Name	Human
Definition	Represents human beings in danger.
Subclass of	Animal

Image Analysis

Name	ImageAnalysis
Definition	The task of analyzing images.
Subclass of	DataAnalysis
Disjoint with	TextAnalysis, VideoAnalysis

Image Item

Name	ImageItem
Definition	Represents a captured image.
Subclass of	ImageItem
Disjoint with	TextItem, AudioItem, VideoItem

Impact

Name	Impact
Definition	Represents the impact of natural disasters and incidents.
Instance of	owl:Class

Impact Type

Name	ImpactType
Definition	Represents the various types of impacts, like e.g. injuries, damage to properties etc.
Instance of	owl:Class

Incident

Name	Incident
Definition	Represents the various incidents taking place during a natural disaster.
Instance of	owl:Class

Incident Type

Name	IncidentType
Definition	Represents the various types of incidents, like e.g. floods, blocked streets etc.
Instance of	owl:Class

Infrastructure

Name	Infrastructure
Definition	Represents critical infrastructure that is in danger during a natural disaster.
Subclass of	Asset

Levee

Name	Levee
Definition	An embankment for preventing flooding.
Subclass of	Structure

Livestock

Name	Livestock
Definition	Represents domestic animals.
Subclass of	Animal

Living Being

Name	LivingBeing
Definition	Any living being that is in danger during a natural disaster.
Subclass of	VulnerableObject
Disjoint with	Asset

Location

Name	Location
Definition	Represents a location (point or area), indicated by latitude, longitude, and radius.
Instance of	owl:Class

Media Item

Name	MediaItem
Definition	Represents a generic media item. Subclasses include specific types of media items.
Instance of	owl:Class

Mission

Name	Mission
Definition	Represents a mission assigned to a rescue unit during a crisis.
Instance of	owl:Class

Monument

Name	Monument
Definition	A structure or building that is built to honour a special person or event.
Subclass of	Structure

Natural Disaster

Name	NaturalDisaster
Definition	Represents the actual manifestation of a natural disaster type. An instance of a natural disaster has specific climate conditions with specific values (e.g. temperature = 45) plus some other properties (e.g. start/end time).
Instance of	owl:Class

Natural Disaster Type

Name	NaturalDisasterType
Definition	Represents the various types of disasters, like e.g. floods, forest fires, storms or earthquakes etc.
Instance of	owl:Class

Natural Habitat

Name	NaturalHabitat
Definition	Represents natural habitats.
Subclass of	EcologicalAsset

Plant

Name	Plant
Definition	Represents the fauna.
Subclass of	EcologicalAsset

Police

Name	Police
Definition	Represents law enforcement infrastructure and services.
Subclass of	Infrastructure

Property

Name	Property
Definition	Represents any type of private property.
Subclass of	Asset

Public Transportation

Name	PublicTransportation
Definition	Represents public transportation services and infrastructure.
Subclass of	Transportation

Responder

Name	Responder
Definition	Represents a first responder unit (e.g. a firefighter, police officer or emergency medical physician).
Instance of	owl:Class

River

Name	River
Definition	Represents rivers.
Subclass of	EcologicalAsset

Sensor

Name	Sensor
Definition	A Sensor is an instrument that observes a property or phenomenon with the goal of producing an estimate of the value of a parameter.
Instance of	owl:Class

Sewer

Name	Sewer
Definition	Represents sewage infrastructure.
Subclass of	Infrastructure

Square

Name	Square
Definition	Represents squares in danger during an environmental crisis.
Subclass of	Structure

Street

Name	Street
Definition	Represents the road network infrastructure.
Subclass of	Transportation

Structure

Name	Structure
Definition	Represents various structures and buildings.
Subclass of	Asset

Subway

Name	Subway
Definition	Represents subway infrastructure.
Subclass of	PublicTransportation

Task

Name	Task
Definition	A task that has to do with analyzing or processing items.
Instance of	owl:Class

Text Analysis

Name	TextAnalysis
Definition	The task of analyzing textual corpora.
Subclass of	DataAnalysis
Disjoint with	ImageAnalysis, VideoAnalysis

Text Item

Name	TextItem
Definition	Represents a piece of text.
Subclass of	TextItem
Disjoint with	AudioItem, ImageItem, VideoItem

Transportation

Name	Transportation
Definition	Represents transportation services and infrastructure.
Subclass of	Infrastructure

Vehicle

Name	Vehicle
Definition	Represents any type of vehicle.
Subclass of	Property

Video Analysis

Name	VideoAnalysis
Definition	The task of analyzing videos.
Subclass of	DataAnalysis
Disjoint with	TextAnalysis, VideoAnalysis

Video Item

Name	VideoItem
Definition	Represents a video recording.
Subclass of	VideoItem
Disjoint with	AudioItem, ImageItem, TextItem

Vulnerable Object

Name	VulnerableObject
Definition	Any living being or object that needs to be protected from hazards.
Instance of	owl:Class

Wall

Name	Wall
Definition	A vertical structure often made of stone or brick that divides or surrounds something.
Subclass of	Structure

Water Supply

Name	WaterSupply
Definition	Represents water supply and sanitation infrastructure.
Subclass of	Infrastructure

Wildlife

Name	Wildlife
Definition	Represents wild animals.
Subclass of	Animal

Object Properties

caused by disaster

Name	causedByDisaster
Definition	Indicates which disaster type is responsible for this impact type.
Instance of	owl:ObjectProperty
Domain	ImpactType
Range	NaturalDisasterType
Inverse of	causesDisasterImpact

caused by incident

Name	causedByIncident
Definition	Indicates which incident type has caused this impact type.
Instance of	owl:ObjectProperty
Domain	ImpactType
Range	IncidentType
Inverse of	causesIncidentImpact

causes disaster impact

Name	causesDisasterImpact
Definition	Indicates which impact type is caused by this natural disaster type.
Instance of	owl:ObjectProperty
Domain	NaturalDisasterType
Range	ImpactType
Inverse of	causedByDisaster

causes incident impact

Name	causesIncidentImpact
Definition	Indicates which impact type is caused by this type of incident.
Instance of	owl:ObjectProperty
Domain	IncidentType
Range	ImpactType
Inverse of	causedByIncident

characterized by parameter type

Name	characterizedByParameterType
Definition	Associates a natural disaster type with a climate parameter type.
Instance of	owl:ObjectProperty
Domain	NaturalDisasterType
Range	ClimateParameterType
Inverse of	characterizesDisasterType

characterizes disaster type

Name	characterizesDisasterType
Definition	Associates a climate parameter type with a natural disaster type.
Instance of	owl:ObjectProperty
Domain	ClimateParameterType
Range	NaturalDisasterType
Inverse of	characterizedByParameterType

contained in dataset

Name	containedInDataset
Definition	Indicates the dataset this detection object is contained in.
Instance of	owl:ObjectProperty
Domain	Detection
Range	Dataset
Inverse of	containsDetection

contains detection

Name	containsDetection
Definition	A dataset may contain multiple detections.
Instance of	owl:ObjectProperty
Domain	Dataset
Range	Detection
Inverse of	containedInDataset

derived from

Name	derivedFrom
Definition	Represents the fact that an incident may lead to other incidents.
Instance of	owl:TransitiveProperty
Domain	Incident
Range	Incident

detects incident

Name	detectsIncident
Definition	Indicates which incidents were detected by a specific detection activity (e.g. a flooding incident, a blocked road etc.).
Instance of	owl:ObjectProperty
Domain	Detection
Range	Incident
Inverse of	incidentDetectedBy

detects participant

Name	detectsParticipant
Definition	Indicates which participants were detected by a specific detection activity (e.g. humans in danger, submerged cars etc.).
Instance of	owl:ObjectProperty
Domain	Detection
Range	VulnerableObject
Inverse of	participantDetectedBy

has climate parameter measurement

Name	hasClimateParameterMeasurement
Definition	Associates a natural disaster occurrence to a climate parameter measurement.
Instance of	owl:ObjectProperty
Domain	NaturalDisaster
Range	ClimateParameter
Inverse of	relatesToNaturalDisaster

has climate parameter occurrence

Name	hasClimateParameterOccurrence
Definition	Assigns a climate parameter type to a specific climate parameter.
Instance of	owl:ObjectProperty
Domain	ClimateParameterType
Range	ClimateParameter
Inverse of	isOfClimateParameterType

has disaster location

Name	hasDisasterLocation
Definition	Represents the location where a natural disaster takes place.
Instance of	owl:ObjectProperty
Domain	NaturalDisaster
Range	Location
Inverse of	isLocationOfDisaster

has disaster occurrence

Name	hasDisasterOccurrence
Definition	Links a natural disaster type to a natural disaster.
Instance of	owl:ObjectProperty
Domain	NaturalDisasterType
Range	NaturalDisaster
Inverse of	isOfDisasterType

has impact occurrence

Name	hasImpactOccurrence
Definition	Links an impact type to a specific impact pccurrence.
Instance of	owl:ObjectProperty
Domain	ImpactType
Range	Impact
Inverse of	isOfImpactType

has impact on

Name	hasImpactOn
Definition	Indicates which vulnerable object is impacted by the specific impact occurrence.
Instance of	owl:ObjectProperty
Domain	Impact
Range	VulnerableObject
Inverse of	isImpactedBy

has incident climate parameter

Name	hasIncidentClimateParameter
Definition	Associates an incident to a climate parameter measurement.
Instance of	owl:ObjectProperty
Domain	Incident
Range	ClimateParameter
Inverse of	isClimateParameterOfIncident

has incident impact

Name	hasIncidentImpact
Definition	Indicates the impact of the specific incident.
Instance of	owl:ObjectProperty
Domain	Incident
Range	Impact
Inverse of	isImpactOfIncident

has incident location

Name	hasIncidentLocation
Definition	Represents the location where an incident occurs.
Instance of	owl:ObjectProperty
Domain	Incident
Range	Location
Inverse of	isLocationOfIncident

has incident occurrence

Name	hasIncidentOccurrence
Definition	Links an incident type to an incident.
Instance of	owl:ObjectProperty
Domain	IncidentType
Range	Incident
Inverse of	isOfIncidentType

has measurement location

Name	hasMeasurementLocation
Definition	Represents the location where a climate parameter measurement was taken.
Instance of	owl:ObjectProperty
Domain	ClimateParameter
Range	Location
Inverse of	isLocationOfMeasurement

has media location

Name	hasMediaLocation
Definition	Represents the location where a media item was captured.
Instance of	owl:ObjectProperty
Domain	MediaItem
Range	Location
Inverse of	isLocationOfMediaItem

has related incident

Name	hasRelatedIncident
Definition	Relates an incident to a natural disaster.
Instance of	owl:ObjectProperty
Domain	NaturalDisaster
Range	Incident

has report location

Name	hasReportLocation
Definition	Indicates the location of the incident report.
Instance of	owl:ObjectProperty
Domain	IncidentReport
Range	Location
Inverse of	isLocationOfReport

has responder location

Name	hasResponderLocation
Definition	Represents the location where a rescue unit is at.
Instance of	owl:ObjectProperty
Domain	Responder
Range	Location
Inverse of	isLocationOfResponder

incident detected by

Name	incidentDetectedBy
Definition	Indicates the detection activity that detected this incident.
Instance of	owl:ObjectProperty
Domain	Incident
Range	Detection
Inverse of	detectsIncident

involved in dataset

Name	involvedInDataset
Definition	Indicates the dataset this incident is involved in.
Instance of	owl:ObjectProperty
Domain	Incident
Range	Dataset
Inverse of	involvesIncident

involved in incident

Name	involvedInIncident
Definition	Indicates the incident a vulnerable object is involved in.
Instance of	owl:ObjectProperty
Domain	VulnerableObject
Range	Incident
Inverse of	involvesParticipant

involves incident

Name	involvesIncident
Definition	Certain analysis components recognize the major incident (e.g. fire, flood, etc.) portrayed in a media item.
Instance of	owl:ObjectProperty
Domain	Dataset
Range	Incident
Inverse of	involvedInDataset

involves participant

Name	involvesParticipant
Definition	Indicates the vulnerable objects involved in an incident.
Instance of	owl:ObjectProperty
Domain	Incident
Range	VulnerableObject
Inverse of	involvedInIncident

is assigned mission

Name	isAssignedMission
Definition	Indicates the mission assignment of a rescue unit.
Instance of	owl:ObjectProperty
Domain	Responder
Range	Mission
Inverse of	isAssignedToResponder

is assigned to responder

Name	isAssignedToResponder
Definition	Links a mission to a rescue unit.
Instance of	owl:ObjectProperty
Domain	Mission
Range	Responder
Inverse of	isAssignedMission

is climate parameter of incident

Name	isClimateParameterOfIncident
Definition	Links a climate parameter measurement to an incident.
Instance of	owl:ObjectProperty
Domain	ClimateParameter
Range	Incident
Inverse of	hasIncidentClimateParameter

is impact of incident

Name	isImpactOfIncident
Definition	Links an impact to an incident.
Instance of	owl:ObjectProperty
Domain	Impact
Range	Incident
Inverse of	hasIncidentImpact

is impacted by

Name	isImpactedBy
Definition	Links an affected object to an impact.
Instance of	owl:ObjectProperty
Domain	VulnerableObject
Range	Impact
Inverse of	hasImpactOn

is location of disaster

Name	isLocationOfDisaster
Definition	Links a location to a natural disaster occurrence.
Instance of	owl:ObjectProperty
Domain	Location
Range	NaturalDisaster
Inverse of	hasDisasterLocation

is location of incident

Name	isLocationOfIncident
Definition	Links a location to an incident occurrence.
Instance of	owl:ObjectProperty
Domain	Location
Range	Incident
Inverse of	hasIncidentLocation

is location of measurement

Name	isLocationOfMeasurement
Definition	Links a location to a climate parameter measurement.
Instance of	owl:ObjectProperty
Domain	Location
Range	ClimateParameter
Inverse of	hasMeasurementLocation

is location of media item

Name	isLocationOfMediaItem
Definition	Links a location to a media item.
Instance of	owl:ObjectProperty
Domain	Location
Range	MediaItem
Inverse of	hasMediaLocation

is location of report

Name	isLocationOfReport
Definition	Links an incident report to a location.
Instance of	owl:ObjectProperty
Domain	Location
Range	IncidentReport
Inverse of	hasReportLocation

is location of responder

Name	isLocationOfResponder
Definition	Links a location to a rescue unit.
Instance of	owl:ObjectProperty
Domain	Location
Range	Responder
Inverse of	hasResponderLocation

is of climate parameter type

Name	isOfClimateParameterType
Definition	Associates a climate parameter with a respective type.
Instance of	owl:ObjectProperty
Domain	ClimateParameter
Range	ClimateParameterType
Inverse of	hasClimateParameterOccurrence

is of disaster type

Name	isOfDisasterType
Definition	Links a natural disaster to a natural disaster type.
Instance of	owl:ObjectProperty
Domain	NaturalDisaster
Range	NaturalDisasterType
Inverse of	hasDisasterOccurrence

is of impact type

Name	isOfImpactType
Definition	Links an impact to an impact type.
Instance of	owl:ObjectProperty
Domain	Impact
Range	ImpactType
Inverse of	hasImpactOccurrence

is of incident type

Name	isOfIncidentType
Definition	Links an incident to an incident type.
Instance of	owl:ObjectProperty
Domain	Incident
Range	IncidentType
Inverse of	hasIncidentOccurrence

is result of

Name	isResultOf
Definition	Represents the fact that a natural disaster can be the result of other natural disasters.
Instance of	owl:TransitiveProperty
Domain	NaturalDisasterType
Range	NaturalDisasterType
Inverse of	leadsTo

leads to

Name	leadsTo
Definition	Represents the fact that a natural disaster can lead to other natural disasters.
Instance of	owl:TransitiveProperty
Domain	NaturalDisasterType
Range	NaturalDisasterType
Inverse of	isResultOf

observes

Name	observes
Definition	The sensor observes a specific parameter.
Instance of	owl:ObjectProperty
Domain	Sensor
Range	ClimateParameter

participant detected by

Name	participantDetectedBy
Definition	Indicates which detection activity detected the participants.
Instance of	owl:ObjectProperty
Domain	VulnerableObject
Range	Detection
Inverse of	detectsParticipant

produced by task

Name	producedByTask
Definition	Indicates the task a dataset was produced from.
Instance of	owl:ObjectProperty
Domain	Dataset
Range	Task
Inverse of	taskProducesDataset

relates to

Name	relatesTo
Definition	Associates media items.
Instance of	owl:SymmetricProperty
Domain	MediaItem
Range	MediaItem

relates to incident

Name	relatesToIncident
Definition	Associates a mission to an incident occurrence.
Instance of	owl:ObjectProperty
Domain	Mission
Range	Incident
Inverse of	relatesToMission

relates to media item

Name	relatesToMediaItem
Definition	Associates a task to a media item.
Instance of	owl:ObjectProperty
Domain	Task
Range	MediaItem
Inverse of	relatesToTask

relates to mission

Name	relatesToMission
Definition	Associates an incident occurrence to a mission.
Instance of	owl:ObjectProperty
Domain	Incident
Range	Mission
Inverse of	relatesToIncident

relates to natural disaster

Name	relatesToNaturalDisaster
Definition	Associates a climate parameter measurement to a natural disaster occurrence.
Instance of	owl:ObjectProperty
Domain	ClimateParameter
Range	NaturalDisaster
Inverse of	hasClimateParameterMeasurement

relates to task

Name	relatesToTask
Definition	Associates a media item to a task.
Instance of	owl:ObjectProperty
Domain	MediaItem
Range	Task
Inverse of	relatesToMediaItem

sensor produces dataset

Name	sensorProducesDataset
Definition	Indicates the dataset(s) produced by this sensor.
Instance of	owl:ObjectProperty
Domain	Sensor
Range	Dataset

task produces dataset

Name	taskProducesDataset
Definition	Indicates the dataset produced by this task.
Instance of	owl:ObjectProperty
Domain	Task
Range	Dataset
Inverse of	producedByTask

Data Properties

belongs to collection

Name	belongsToCollection
Definition	Links a media item to one or more collections.
Instance of	owl:DatatypeProperty
Domain	MediaItem
Range	xsd:string

has analyzed media source

Name	hasAnalyzedMediaSource
Definition	Links a media item to a URI pointing to the analysed item (e.g. processed image or video source).
Instance of	owl:DatatypeProperty
Domain	MediaItem
Range	xsd:anyURI

has dataset results source

Name	hasDatasetResultsSource
Definition	Points to a URI with the dataset source.
Instance of	owl:DatatypeProperty
Domain	Dataset
Range	xsd:anyURI

has detection confidence

Name	hasDetectionConfidence
Definition	Represents the confidence score of a particular detection (e.g. an image analysis algorithm detects a trapped car in the flood with 80% confidence).
Instance of	owl:DatatypeProperty
Domain	Detection
Range	xsd:float

has detection end

Name	hasDetectionEnd
Definition	Indicates the end of the detection.
Instance of	owl:DatatypeProperty
Domain	Detection
Range	xsd:dateTime

has detection risk

Name	hasDetectionRisk
Definition	Indicates the risk level of the detection.
Instance of	owl:DatatypeProperty
Domain	Detection
Range	xsd:float

has detection start

Name	hasDetectionStart
Definition	Indicates the start of the detection.
Instance of	owl:DatatypeProperty
Domain	Detection
Range	xsd:dateTime

has detection timestamp

Name	hasDetectionTimestamp
Definition	Represents the timestamp of the detection.
Instance of	owl:DatatypeProperty
Domain	Detection
Range	xsd:dateTime

has incident end

Name	hasincidentEnd
Definition	Indicates the end of the incident.
Instance of	owl:DatatypeProperty
Domain	Incident
Range	xsd:dateTime

has incident priority

Name	hasIncidentPriority
Definition	Indicates the priority of the incident (e.g. incidents involving humans in danger are of high priority).
Instance of	owl:DatatypeProperty
Domain	Incident
Range	xsd:string

has incident start

Name	hasIncidentStart
Definition	Indicates the start of the incident.
Instance of	owl:DatatypeProperty
Domain	Incident
Range	xsd:dateTime

has incident severity

Name	hasIncidentSeverity
Definition	Indicates the severity of the incident (e.g. incidents involving injured or dead people are of high severity).
Instance of	owl:DatatypeProperty
Domain	Incident
Range	xsd:string

has latitude

Name	lat
Definition	Geographic latitude coordinates of a location.
Instance of	owl:DatatypeProperty
Domain	Location
Range	xsd:float

has longitude

Name	long
Definition	Geographic longitude coordinates of a location.
Instance of	owl:DatatypeProperty
Domain	Location
Range	xsd:float

has measurement timestamp

Name	hasMeasurementTimestamp
Definition	Indicates the timestamp of a climate parameter measurement.
Instance of	owl:DatatypeProperty
Domain	ClimateParameter
Range	xsd:dateTime

has media item timestamp

Name	hasMediaItemTimestamp
Definition	Indicates the timestamp when a media item was created.
Instance of	owl:DatatypeProperty
Domain	MediaItem
Range	xsd:dateTime

has mission end

Name	hasMissionEnd
Definition	Indicates the end of the rescue mission.
Instance of	owl:DatatypeProperty
Domain	Mission
Range	xsd:dateTime

has mission priority

Name	hasMissionPriority
Definition	Indicates the priority of the rescue mission.
Instance of	owl:DatatypeProperty
Domain	Mission
Range	xsd:string

has mission start

Name	hasMissionStart
Definition	Indicates the start of the rescue mission.
Instance of	owl:DatatypeProperty
Domain	Mission
Range	xsd:dateTime

has mission status

Name	hasMissionStatus
Definition	Indicates the current status of the rescue mission.
Instance of	owl:DatatypeProperty
Domain	Mission
Range	xsd:string

has radius

Name	hasRadius
Definition	Indicates the radius around a location. It's used for representing areas and not points.
Instance of	owl:DatatypeProperty
Domain	Location
Range	xsd:int

has raw media source

Name	hasRawMediaSource
Definition	Links a media item to a URI pointing to the raw unprocessed item.
Instance of	owl:DatatypeProperty
Domain	MediaItem
Range	xsd:anyURI

has report ID

Name	hasReportID
Definition	Assigns and ID to an incident report.
Instance of	owl:DatatypeProperty
Domain	IncidentReport
Range	xsd:string

has unit

Name	hasUnit
Definition	Indicates the measurement unit of a climate parameter (e.g. Celsius for temperature measurements). Should be use together with property hasValue.
Instance of	owl:DatatypeProperty
Domain	ClimateParameter
Range	xsd:string

has value

Name	hasValue
Definition	Indicates the measurement value of a climate parameter. Should be used together with property hasUnit.
Instance of	owl:DatatypeProperty
Domain	ClimateParameter
Range	xsd:float