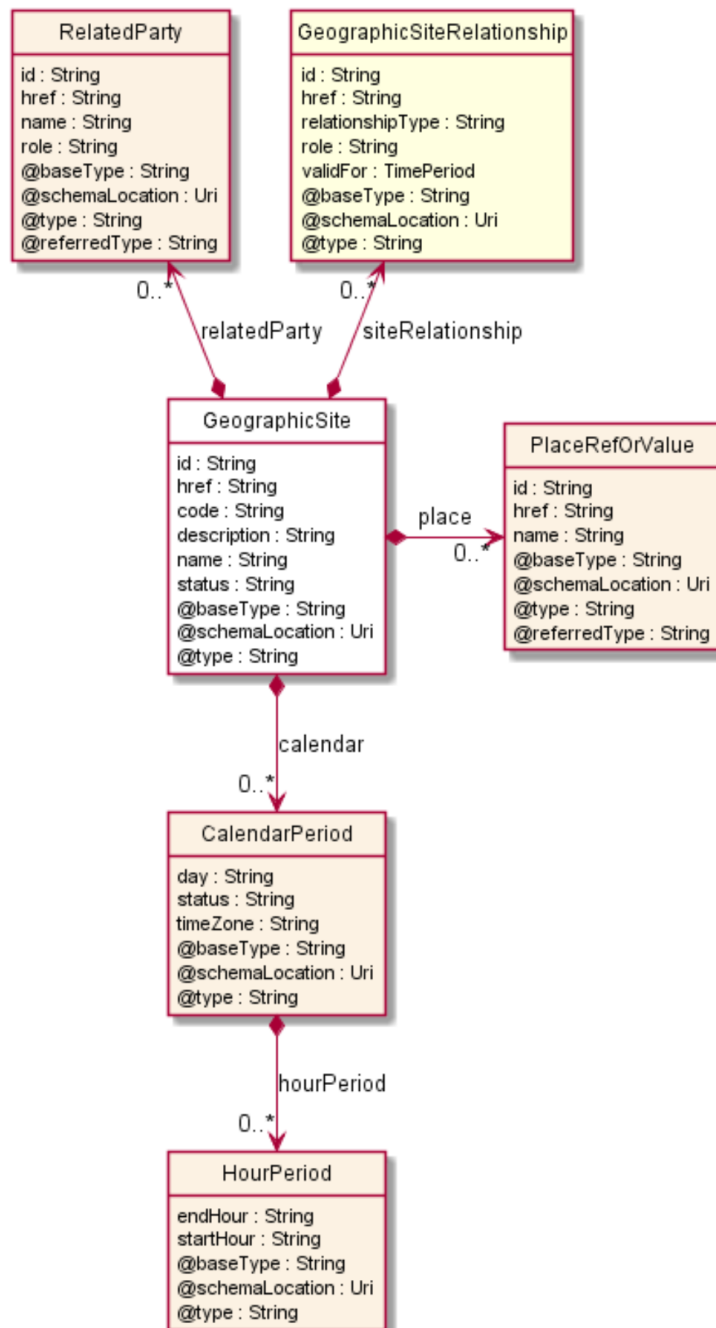


TMF674 - Geographic Site Management API Mapping

Geographic Site resource

Resource model



Mapping

Nuiva's attributes -to→ TMF Geographic Site Management API attributes

1. **Site Name** - `GeographicSite.name`
2. **Longitude** and **Latitude** - These should be part of a `geographicLocation` structure, possibly as attributes within.
3. **Address** - Could be part of `GeographicSite.description` or expanded upon in a separate address structure if defined in the API.
4. **Cities, Region** - Could be included in the address or `GeographicSite.description`.
5. **is Hub Site** - Might be a custom attribute; otherwise, could use `GeographicSite.status` or a similar field for conditional status.
6. **Parent HubSite Id** - Could be modeled as a `RelatedParty` or an extension of the GeographicSite relationships.
7. **Managed By** - Could map to a `RelatedParty` with a role specifying management.
8. **Site Priority** - This could be a custom attribute unless there is a specific field under the API's `Site` attributes.
9. **Insert Date, Update Date, On Air Date, Provisioned Date** - These could be mapped to lifecycle dates available in the API, such as `GeographicSite.lifecycleStatus`.
10. **Site Category, Location Type** - These could map directly if the attributes are available or could be additional descriptive fields.
11. **Status** - `GeographicSite.status`
12. **POC Type, BEP Type, Demarcation Type** - May require custom fields unless there are corresponding fields under `Site` or `Place`.
13. **Waypoint 3, Waypoint 2, Waypoint 1, Waypoint 4** - Could be part of a location or route structure if available.
14. **Contact person land phone, Contact person mobile phone, Contact person other phone** - Should be in a contact structure associated with the site.
15. **Contact person name Arabic, Contact person name English** - Also in a contact structure.
16. **Country Code** - Part of the address or a geographical descriptor.
17. **SerialNumber** - Could be an identifier for `GeographicSite`.

18. **Location Photo, LOCATION_PHOTO_KEY** - Might be a linked media resource or attribute.
19. **Co-located with, Objective, Property type** - These may fit within descriptions or specific relational attributes.
20. **Request ID, Requested by, MD Requester** - Likely part of an event or transaction log.
21. **Property_Class_Category, Property_Class_Type, Property_Class_Name** - Specific classification fields that might need custom attributes.
22. **Phase, Description, Notes, History comment** - These would generally fit within the general or lifecycle descriptions of the site.
23. **RD Approved by Date, RD Approved by Name, RD Approved by Title, RD Prepared by Date, RD Prepared by Name, RD Prepared by Title, RD Reviewed by Date, RD Reviewed by Name, RD Reviewed by Title, First RD Prepared by Date, First RD Prepared by Name, First RD Prepared by Title** - These would be part of a detailed audit or version history log associated with the site.

This is a general guide and might need to be adjusted depending on the full capabilities and structures of the TM Forum API. For attributes that do not have a direct mapping, you might consider extending the API with custom fields or using generic fields to store data.



For more details check the TMF674 documentation :

[TMF674 - Geographic Site Management API User Guide](#)

TMF - Json representation sample

Json representation of an example of a '**GeographicSite**' resource object

```
{
  "id": "sd65-8874",
  "href": "https://host:port/geographicSiteManagement/v4/geographicSite/sd65-8874",
  "code": "Warehouse",
  "description": "Warehouse in Marseille",
  "name": "Marseille Warehouse",
  "status": "active",
  "calendar": [
    {
```

```

    "day": "weeekdays",
    "status": "open",
    "timeZone": "GMT+1",
    "hourPeriod": [
      {
        "endHour": "16:30 pm",
        "startHour": "6:30 am",
        "@type": "HourPeriod"
      }
    ],
    "@type": "Calendar"
  }
],
"place": [
  {
    "id": "9912",
    "href": "https://host:port/geographicAddressManagement/v4/geographicAddress/9912",
    "@type": "PlaceRef",
    "@referredType": "GeographicAddress"
  }
],
"relatedParty": [
  {
    "id": "45",
    "href": "https://host:port/partyManagement/v4/individual/45",
    "name": "Jean Pontus",
    "role": "Warehouse manager",
    "@referredType": "Individual"
  }
],
"siteRelationship": [
  {
    "id": "4589-jj65",
    "href": "string",
    "relationshipType": "support",
    "role": "support site in case of stock shortage",
    "validFor": {
      "endDateTime": "2019-01-02T09:33:35.749Z",
      "startDateTime": "2023-12-31T09:33:35.749Z"
    },
    "@type": "SiteRelationship"
  }
],

```

```
"@type": "GeographicSite"  
}
```