### 559:

#### Examples

##### OLD

* The earthquake of Mexico city in 2017 *had dimension* magnitude 6.2 Richter (Mindock, 2017, <http://www.independent.co.uk/news/world/americas/mexico-earthquake-todaylatest-mexico-city-magnitude-6-tremor-damage-a7963211.html>)
* The landslide that was activated in Parnitha in 1999 after the earthquake, *had dimension* crest length > 70 (InGeoCloudS - INspiredGEOdata CLOUD Services D2.2 2012;D2.3 2013)

##### NEW

* The earthquake of Mexico city in 2017 **(E7)** *has dimension* magnitude 6.2 Richter (Mindock, 2017,<http://www.independent.co.uk/news/world/americas/mexico-earthquake-today-latest-mexico-city-magnitude-6-tremor-damage-a7963211.html>).
* The landslide that was activated in Parnitha in 1999 after the earthquake **(E26)**, *has dimension* crest length > 70 (InGeoCloudS - INspiredGEOdata CLOUD Services D2.2 2012; D2.3 2013)

#### FOL expression

The FOL expressions of the equivalence axiom reads:

[O12(x,y) ∧ S10(x)] ⇒  P43(x,y)

[P43(x,y) ∧ S10(x)] ⇒  O12(x,y)