

SYSTEMS AND METHODS FOR ASSESSING RESOURCE AVAILABILITY AND UNCERTAINTY IN A SUBSURFACE REGION

ABSTRACT

A subsurface region is divided into multiple domains based on criteria defined to better represent the input data and uncertainty distribution. Resource availability is simulated independently at the domain scale and then combined to assess the overall resource availability and uncertainty from the entire subsurface region. The overall resource availability and uncertainty are used to facilitate resource recovery from the subsurface region.

Fig. 1