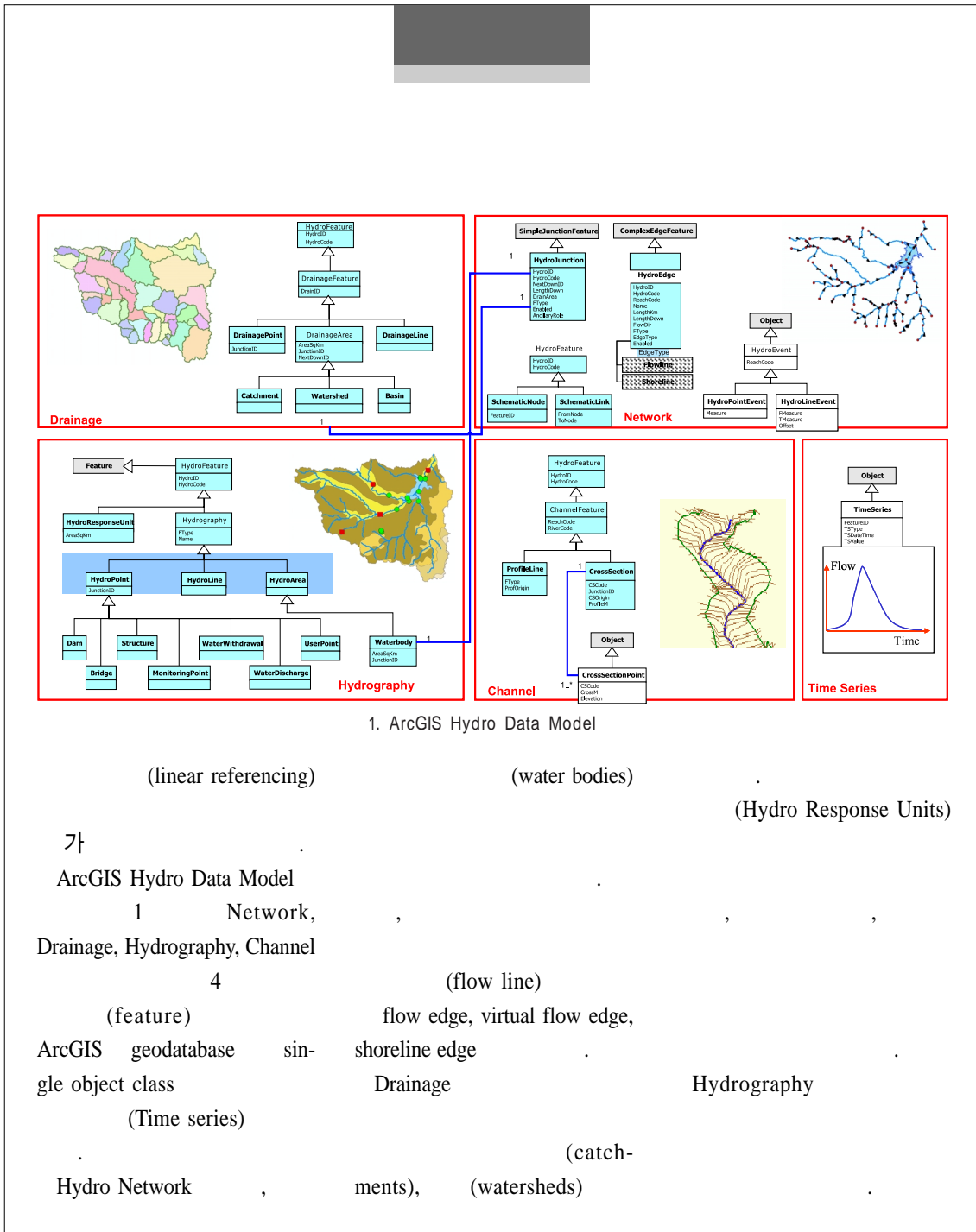


ArcGIS Hydro Data Model

1. National Hydrography Dataset, Washington Hydrography Framework, British Columbia Watershed Atlas
, H/W · S/W , GIS, GPS
가 ArcGIS Hydro Data Model
GIS
(coupling)
가 가
GIS
가
GIS
(framework data)
2. ArcGIS Hydro Data Model
ESRI(the Environmental Systems Research Institute)
CRWR(the Center for Research in Water Resources of the University of Texas at Austin)
GIS
Hydro (Hydrology) (Hydrography)
ESRI
ArcGIS DB
(feature)
(river network)





[Redacted]

Hydro Points, Hydro Lines, ArcGIS Hydro Data Model
 Hydro Areas Hydro
 Points , . .

[Redacted]

21

Line . Hydro .
 3.
 가 가 .
 (, , NGIS 2 가 가 ,
 ,) 가 가 ,

Hydro Areas 가 가 .

Channel 가 가 .
 3 가 가 .

Time Series , , Arc- . 21 가
 GIS Hydro Data Model 가 가

가 가 가
 . 2001 “
 : <http://www.cwr.utexas.edu/gis/gishydro01/GISHydro2001.htm>
 : <
 >
 ktkim1@kict.re.kr