

Software	Main focus area			Reference
	Random field generation and data exploration	Forward modeling	Inverse modeling	
DeeSse	✓			Straubhaar (2015)
DREAM			✓	Vrugt (2016)
FIELDGEN	✓			Doherty and Hunt (2010)
GMS	✓	✓	✓	Aquaveo LLC (2012)
GSLIB	✓			Deutsch and Journel (1998)
GSTAT	✓			Pebesma (2004)
Isatis	✓			Bleines et al. (2004)
PEST			✓	Doherty (2005)
iTough2			✓	Finsterle (2011)
MAD			✓	Osorio-Murillo et al. (2015)
SGeMS		✓	✓	Remy et al. (2009)
TPROGS	✓			Carle (1999)
spMC			✓	Sartore (2013)
HYDRO_GEN	✓			Bellin and Rubin (1996)
Isim3D	✓			Gómez-Hernández and Srivastava (1990)