



Supplementary materials for

Jingfa LIU, Fan LI, Ruoyao DING, Zi'ang LIU, 2022. Focused crawling strategies based on ontologies and simulated annealing methods for rainstorm disaster domain knowledge. *Front Inform Technol Electron Eng*, 23(8):1189-1204. <https://doi.org/10.1631/FITEE.2100360>

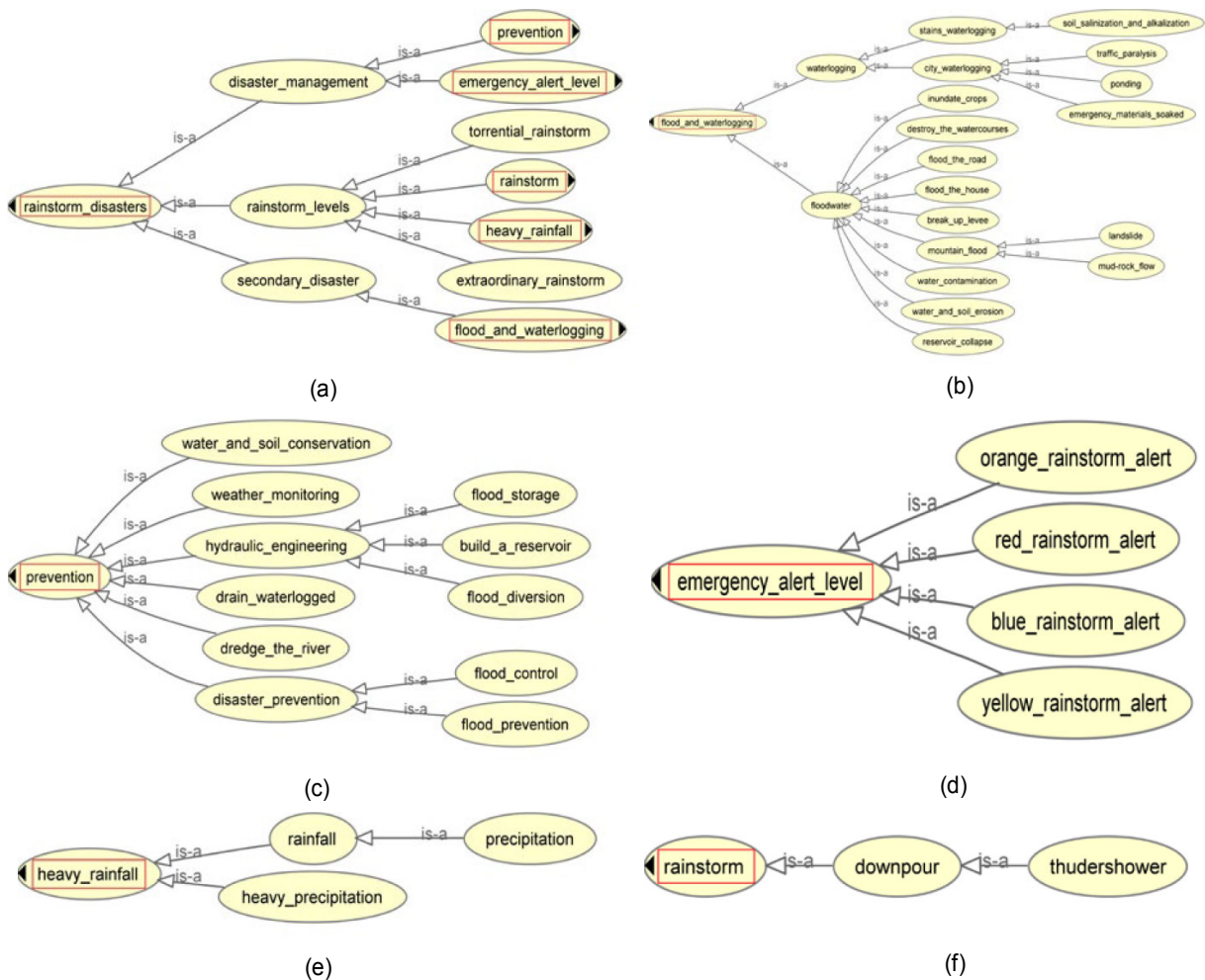


Fig. S1 A global ontology structure about the topic of rainstorm disaster: (a) main part of the rainstorm disaster ontology; (b) flood and waterlogging part of the rainstorm disaster ontology; (c) prevention part of the rainstorm disaster ontology; (d) emergency alert level part of the rainstorm disaster ontology; (e) heavy rainfall part of the rainstorm disaster ontology; (f) rainstorm part of the rainstorm disaster ontology

Table S1 Seed URLs

No.	URL	No.	URL
1	http://www.weather.com.cn/rain	16	http://data.cma.cn
2	http://www.weather.com.cn	17	http://www.ninhm.ac.cn
3	http://news.weather.com.cn	18	http://www.qgshzh.cn
4	http://zhfy.xnl21.com	19	https://baijiahao.baidu.com/s?id=1599783711923902434&wfr=spider&for=pc
5	http://www.tianqi.com	20	http://www.whihr.com.cn/news.do?method=showNewsList&netyId=17
6	http://www.zaihai.cn	21	https://15tianqi.cn
7	http://news.cctv.com/special	22	http://js.weather.com.cn
8	http://news.cctv.com/special/2016xq	23	https://www.mem.gov.cn/kp/zrzh/hlzh
9	http://www.jsmb.gov.cn	24	http://www.nmc.cn
10	http://www.qxkp.net/zhfy/byhl	25	http://www.jieri6.com/baike/25506.html
11	http://www.ndrcc.org.cn	26	http://m.421688.com/news
12	http://www.cma.gov.cn	27	http://www.cma.gov.cn/2011xzt/kpbd/rainstorm/2018050901/201805/t20180509_468007.html
13	http://www.qixiangwang.cn/news	28	http://www.lzjjdc.com/k/honglaozaihaidefangzhicuoshi
14	http://www.whihr.com.cn	29	http://www.cma.gov.cn/2011xzt/20120816/20130625/2013062504/201307/t20130701_218122.html
15	http://klme.nuist.edu.cn	30	http://www.csdata.org/p/618