Interreg CENTRAL EUROPE

Co-funded by the European Union

Clim4Cast

Clim4Cast – Central European Alliance for Increasing Climate Change Resilience to Combined Consequences of Drought, Heatwave, and Fire Weather through Regionally-Tuned Forecasting

Database of "DHF" events

Mgr. Jan Řehoř, Ph.D.

PROJECT CLIM4CAST

Interreg CENTRAL EUROPE
Co-funded by the European Union
Clim4Cast

Duration: 3/2023–2/2026
Provider: Interreg Central Europe
Coordinator: Global Change research institute, CAS

PROJECT GOALS

- Creation of an **Early Warning System** (EWS) for **drought, heatwaves and fireweather** (DHF) for 7 countries within Central Europe
- **Implementation** of the EWS to national meteorological services
- **Improvement** of information transfer concerning warnings within Central Europe
- Creation of a **database**, concerning DHF events and their impacts

PROJECT PARTNERS

Interreg CENTRAL EUROPE
Co-funded by the European Union
Clim4Cast

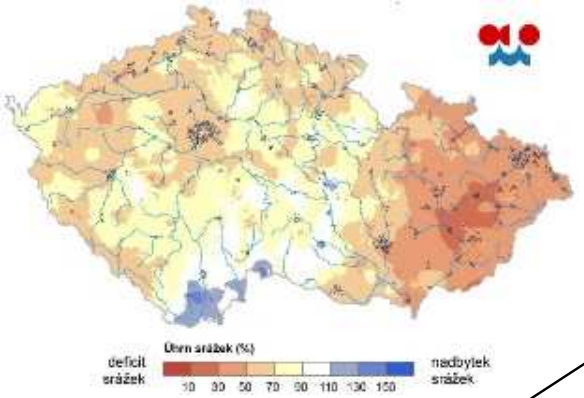
COUNTRIES & REGIONS

AUSTRIA	Wien
CROATIA	Grad Zagreb
CZECHIA	Jihovýchod (CzechGlobe, MUNI)
GERMANY	Brandenburg
POLAND	Lubelskie
SLOVAKIA	Bratislavský kraj
SLOVENIA	Zahodna Slovenija

DROUGHT

- Generally – **lack of water** within environmental / socio-environmental systems
- Caused by **negative balance between precipitation and evapotranspiration**
- Drought indices, soil moisture simulations, satelite products

meteorological



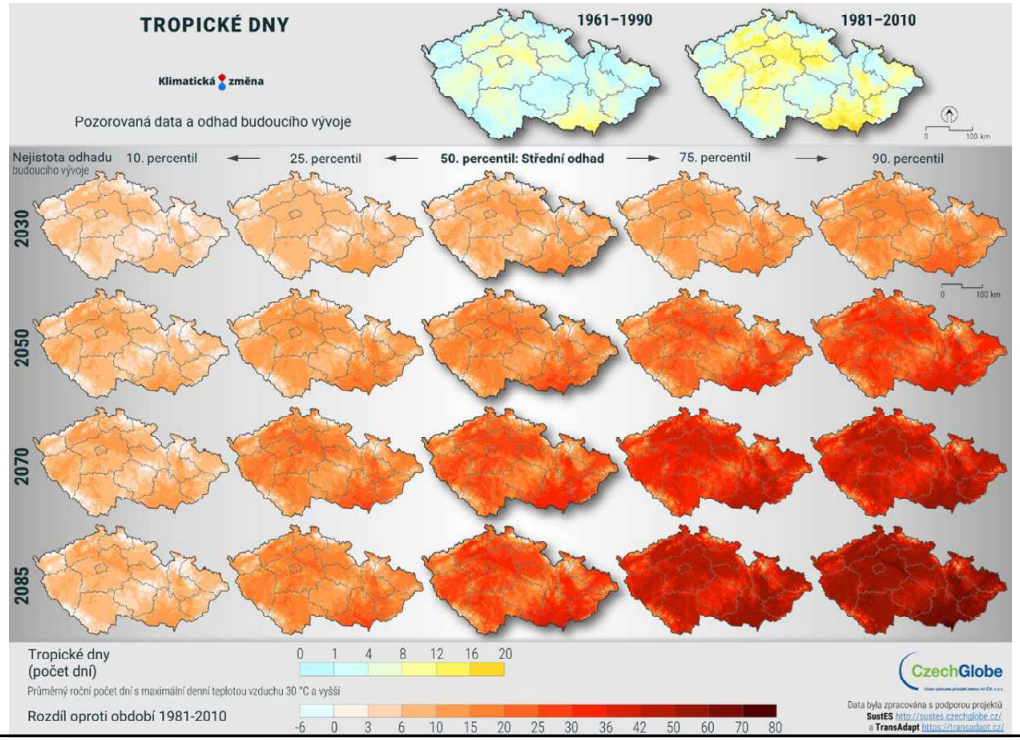
soil (agricultural)

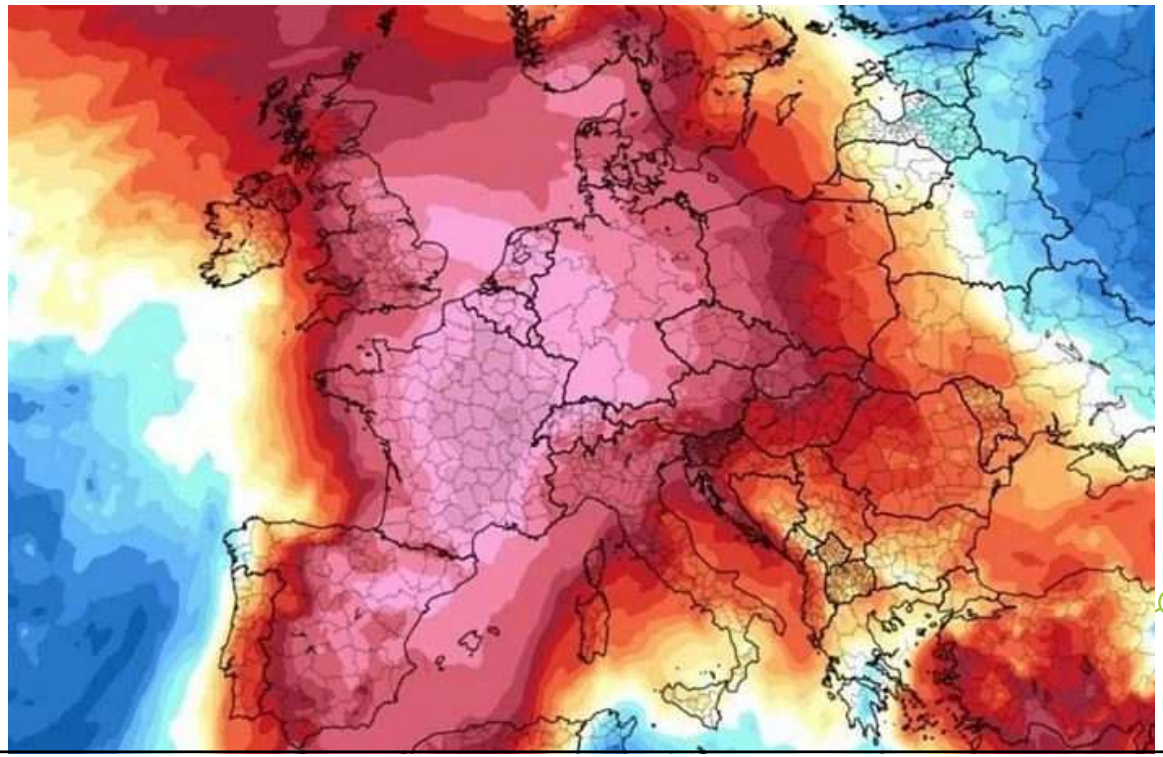
hydrological

socioeconomical

HEAT WAWES

- Period with daily **maximum temperatures exceeding a certain threshold** (e.g., 30 °C)
- Based on indices like **Heat Index**

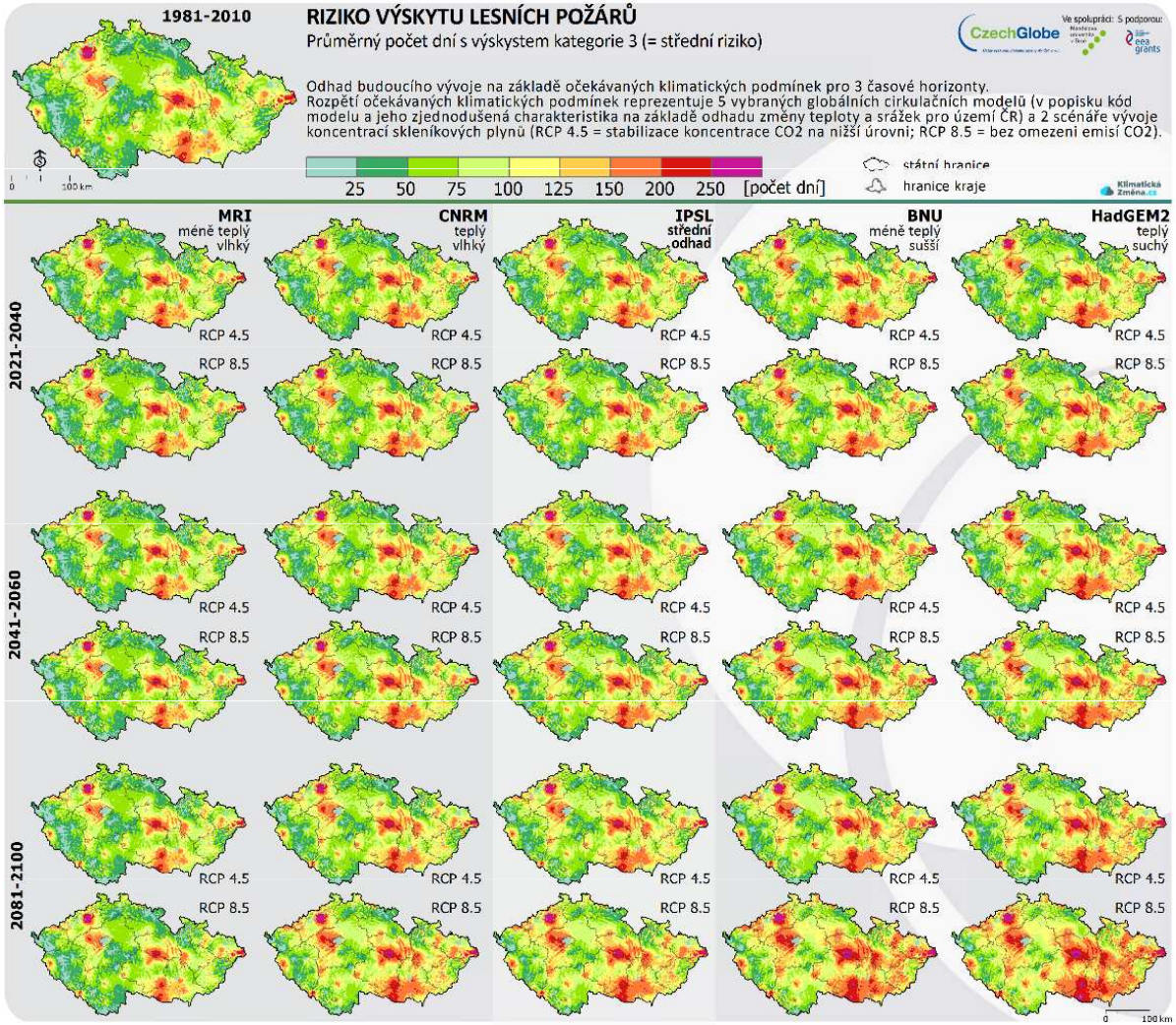




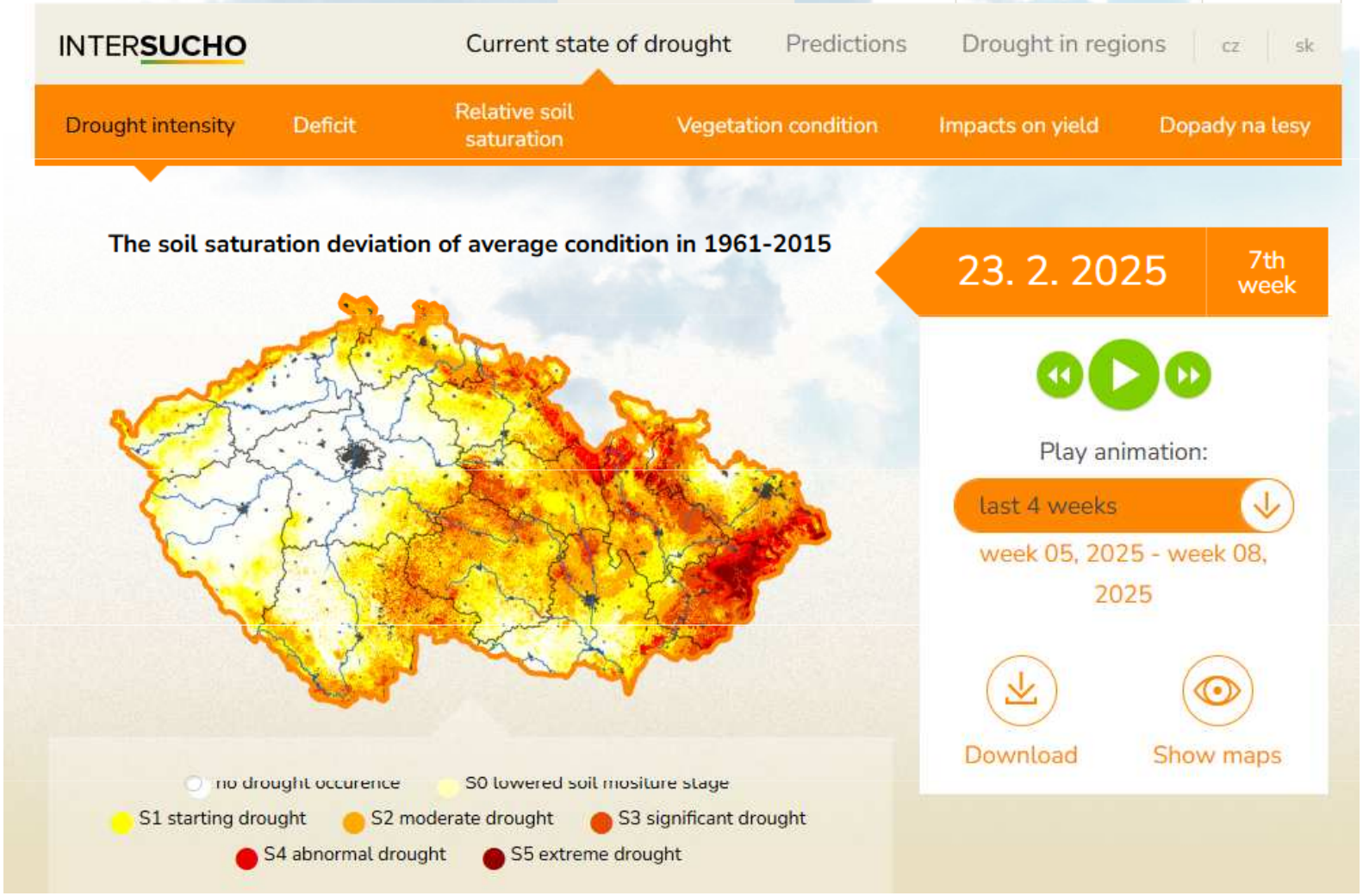
FIREWEATHER

- Weather conditions that are ***hazardous for the occurrence and spread of wildfires***
- High air temperature and wind speed, low humidity, drought

FIRE WEATHER



MONITORING AND EARLY WARNING SYSTEMS



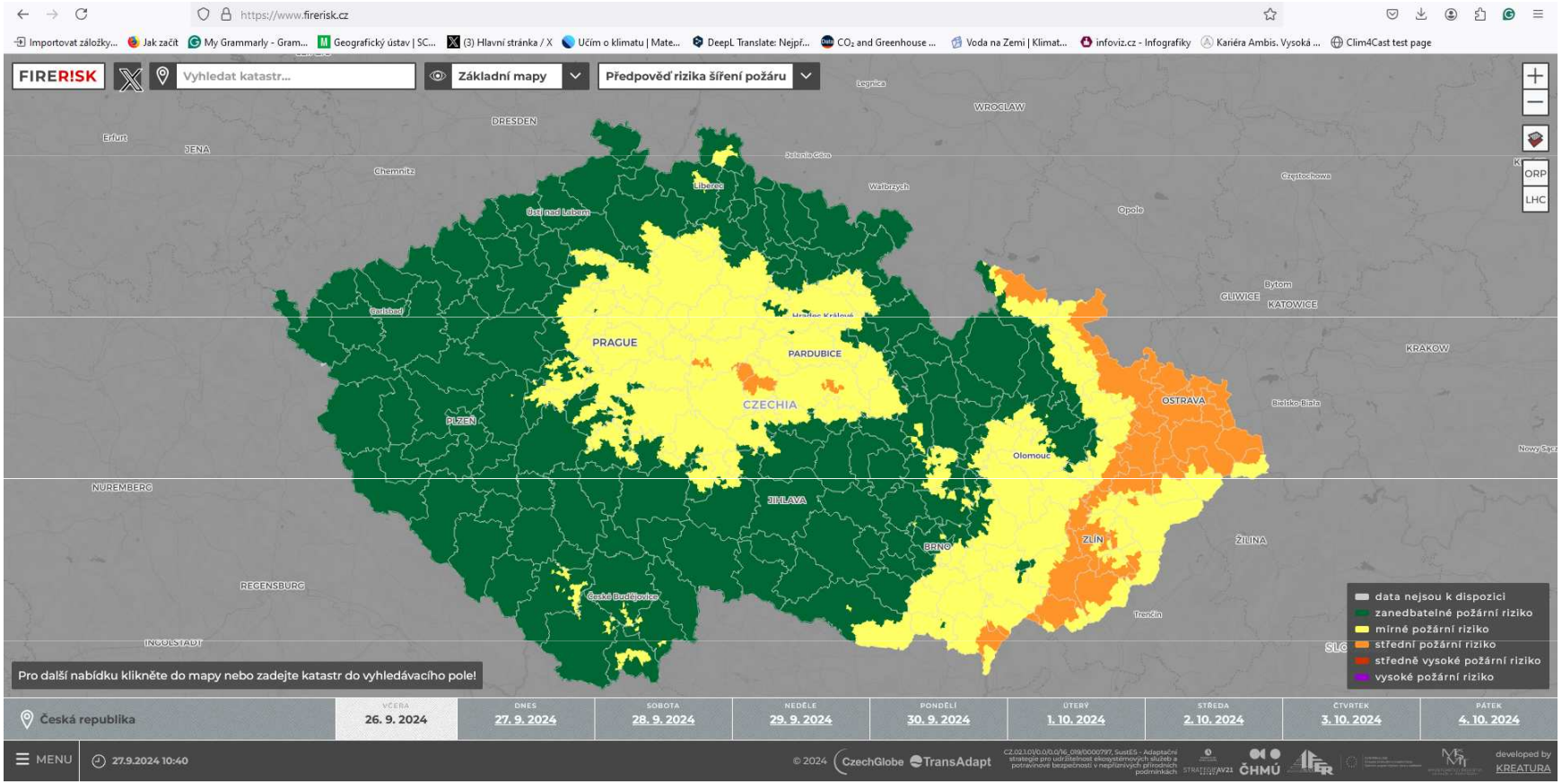
https://www.intersucho.cz

Provozovatelé portálu Intersucho.cz

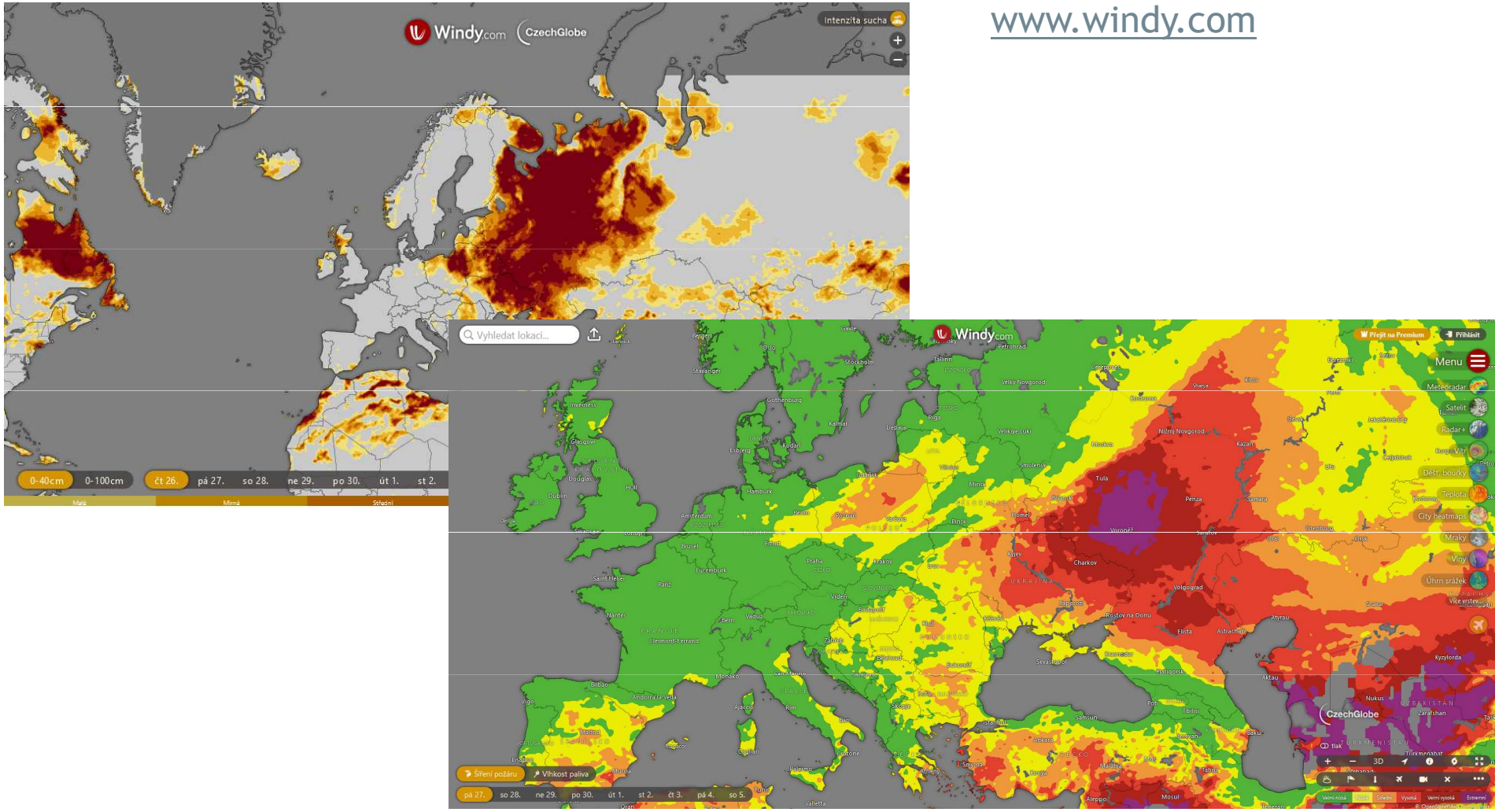
CzechGlobe · Mendelova univerzita v Brně · Státní pozemkový úřad · Strategie AV21

MONITORING AND EARLY WARNING SYSTEMS

https://www.firerisk.cz/

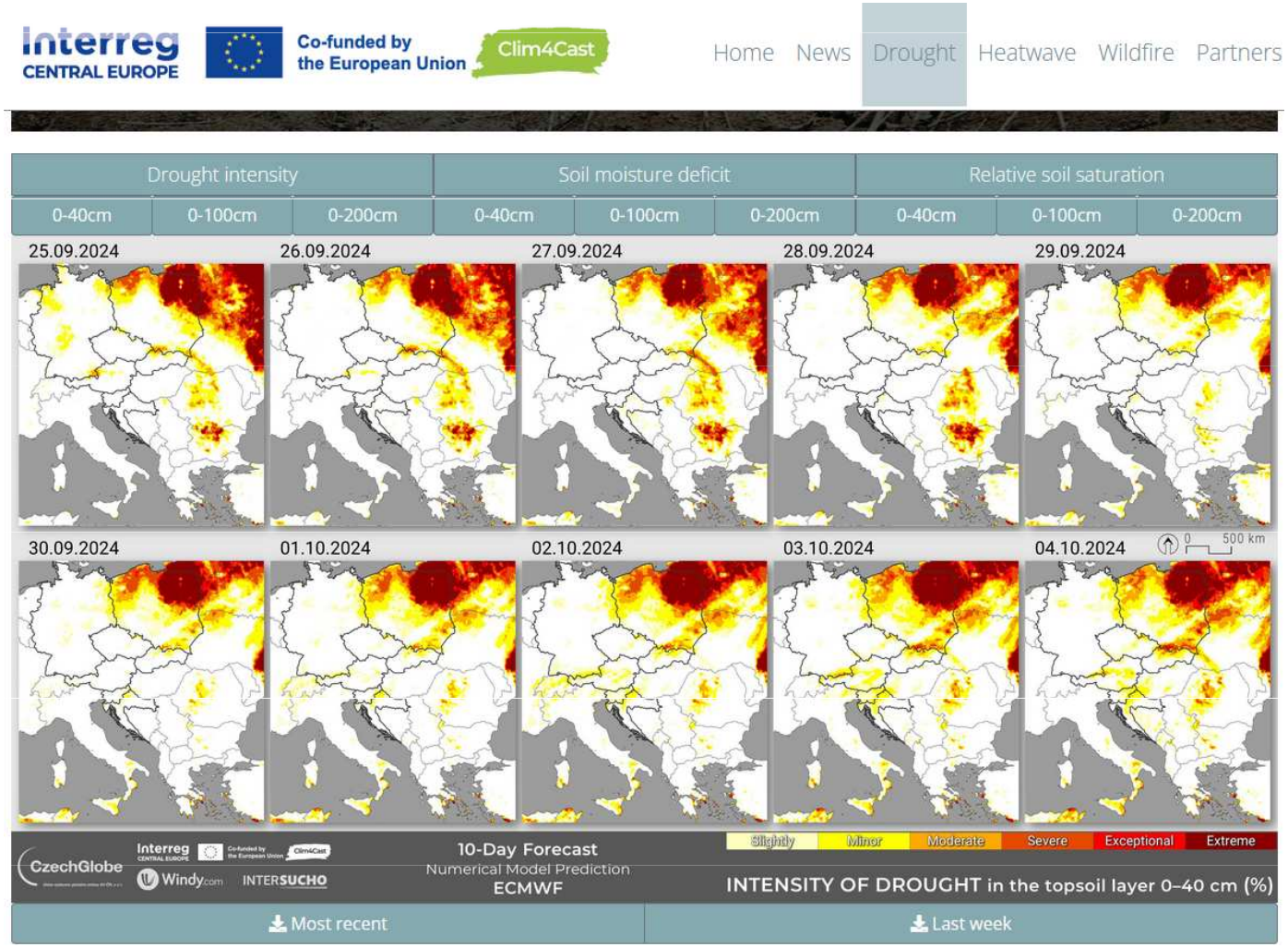


MONITORING AND EARLY WARNING SYSTEMS



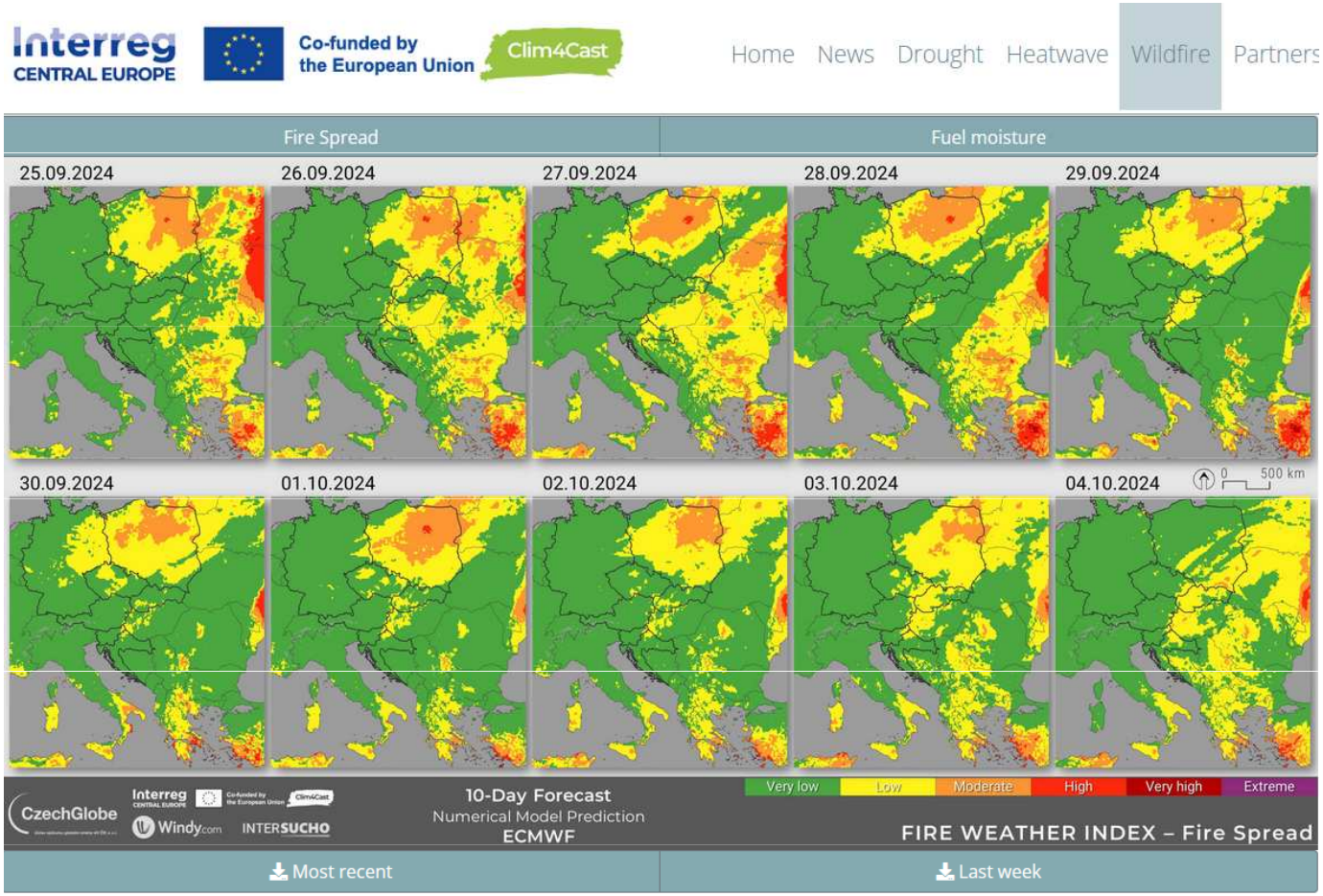
www.windy.com

MONITORING AND EARLY WARNING SYSTEMS – CLIM4CAST



https://clim4cast.czechglobe.cz/#drought

MONITORING AND EARLY WARNING SYSTEMS – CLIM4CAST



https://clim4cast.czechglobe.cz/#wildfire

DATA COLLECTION

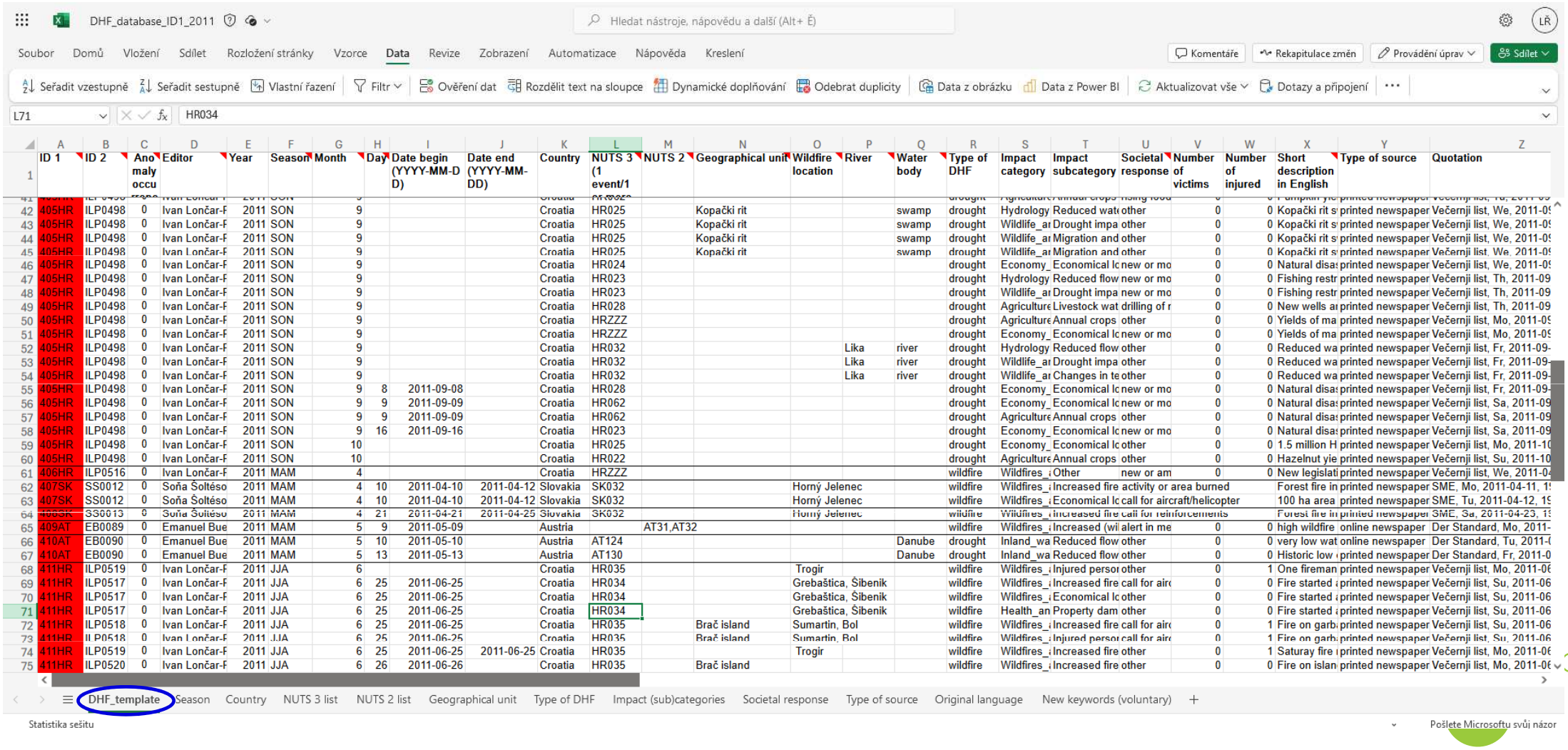
- Data sources: newspapers and other public reports for the 2000–2023 period
- **DHF events and their impacts** within the environment, ecosystems or socioeconomic systems (health, economy, agriculture)
- **Every country** searched within their local sources + some larger-scale online monitoring

DATA COLLECTION

DHF events specification:

- **Drought:** all references to meteorological, agricultural, hydrological, socio-economic, etc. drought and their negative impacts
- **Heat wave:** all references to summer high temperatures, heat waves, heatwaves, etc., and their negative effects
- **Wildfires:** all references to fires occurring outside urban areas in the sense of forest fire, vegetation fire or field fire that was not intentionally set up for farming purposes

DATABASE STRUCTURE



DHF_database_ID1_2011

ID 1	ID 2	Anomaly occu	Editor	Year	Season	Month	Day	Date begin (YYYY-MM-DD)	Date end (YYYY-MM-DD)	Country	NUTS 3 (1 event/1	NUTS 2	Geographical unit	Wildfire location	River	Water body	Type of DHF	Impact category	Impact subcategory	Societal response	Number of victims	Number of injured	Short description in English	Type of source	Quotation
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Hydrology	Reduced wat	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Drought impa	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Migration and	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Migration and	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR024						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR023						drought	Hydrology	Reduced flow	new or mo	0	0	Fishing restr	printed newspaper	Večernji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR023						drought	Wildlife_ar	Drought impa	new or mo	0	0	Fishing restr	printed newspaper	Večernji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR028						drought	Agriculture	Livestock wat	drilling of r	0	0	New wells ar	printed newspaper	Večernji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HRZZZ						drought	Agriculture	Annual crops	other	0	0	Yields of ma	printed newspaper	Večernji list, Mo, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HRZZZ						drought	Economy_	Economical lc	new or mo	0	0	Yields of ma	printed newspaper	Večernji list, Mo, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Hydrology	Reduced flow	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Wildlife_ar	Drought impa	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Wildlife_ar	Changes in te	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	8	2011-09-08		Croatia	HR028						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	2011-09-09		Croatia	HR062						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	2011-09-09		Croatia	HR062						drought	Agriculture	Annual crops	other	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	16	2011-09-16		Croatia	HR023						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10				Croatia	HR025						drought	Economy_	Economical lc	other	0	0	1.5 million H	printed newspaper	Večernji list, Mo, 2011-1
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10				Croatia	HR022						drought	Agriculture	Annual crops	other	0	0	Hazelnut yie	printed newspaper	Večernji list, Su, 2011-10
406HR	ILP0516	0	Ivan Lončar-F	2011	MAM	4				Croatia	HRZZZ						wildfire	Wildfires_i	Other	new or am	0	0	New legislati	printed newspaper	Večernji list, We, 2011-0
407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	2011-04-10	2011-04-12	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Increased fire	activity or area burned			Forest fire in	printed newspaper	SME, Mo, 2011-04-11, 1
407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	2011-04-10	2011-04-12	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Economical lc	call for aircraft/helicopter			100 ha area	printed newspaper	SME, Tu, 2011-04-12, 1
408SK	SS0013	0	Soňa Šoltéso	2011	MAM	4	21	2011-04-21	2011-04-25	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Increased fire	call for reinforcements			Forest fire in	printed newspaper	SME, Sa, 2011-04-23, 1
409AT	EB0089	0	Emanuel Bue	2011	MAM	5	9	2011-05-09		Austria		AT31,AT32					wildfire	Wildfires_i	Increased (wi	alert in me	0	0	high wildfire	online newspaper	Der Standard, Mo, 2011-
410AT	EB0090	0	Emanuel Bue	2011	MAM	5	10	2011-05-10		Austria	AT124					Danube	drought	Inland_wa	Reduced flow	other	0	0	very low wat	online newspaper	Der Standard, Tu, 2011-0
410AT	EB0090	0	Emanuel Bue	2011	MAM	5	13	2011-05-13		Austria	AT130					Danube	drought	Inland_wa	Reduced flow	other	0	0	Historic low	printed newspaper	Der Standard, Fr, 2011-0
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6				Croatia	HR035			Trogir			wildfire	Wildfires_i	Injured persor	other	0	1	One fireman	printed newspaper	Večernji list, Mo, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034			Grebaštica, Šibenik			wildfire	Wildfires_i	Increased fire	call for airc	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034			Grebaštica, Šibenik			wildfire	Wildfires_i	Economical lc	other	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034			Grebaštica, Šibenik			wildfire	Health_an	Property dam	other	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR035		Brač island	Sumartin, Bol			wildfire	Wildfires_i	Increased fire	call for airc	0	1	Fire on garb	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR035		Brač island	Sumartin, Bol			wildfire	Wildfires_i	Injured persor	call for airc	0	1	Fire on garb	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25	2011-06-25	Croatia	HR035			Trogir			wildfire	Wildfires_i	Increased fire	other	0	1	Saturay fire	printed newspaper	Večernji list, Mo, 2011-06
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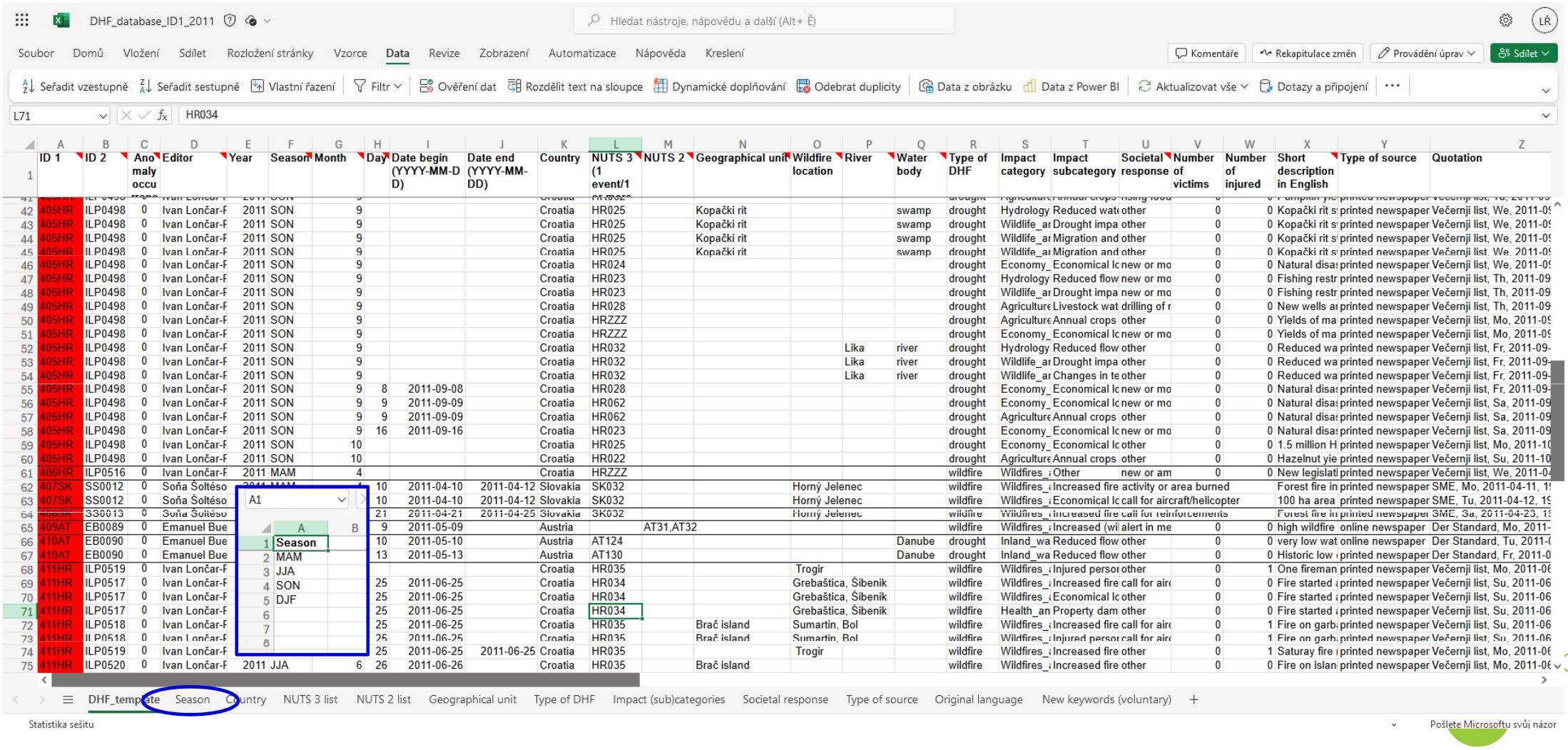
DHF_template | Season | Country | NUTS 3 list | NUTS 2 list | Geographical unit | Type of DHF | Impact (sub)categories | Societal response | Type of source | Original language | New keywords (voluntary)

DATABASE STRUCTURE



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405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HRZZZ						drought	Economy_	Economical lc	new or mo	0	0	Yields of ma	printed newspaper	Večernji list, Mo, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Hydrology	Reduced flow	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Wildlife_ar	Drought impa	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Wildlife_ar	Changes in te	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	8	2011-09-08		Croatia	HR028						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	2011-09-09		Croatia	HR062						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	2011-09-09		Croatia	HR062						drought	Agriculture	Annual crops	other	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
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405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10				Croatia	HR025						drought	Economy_	Economical lc	other	0	0	1.5 million H	printed newspaper	Večernji list, Mo, 2011-1
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10				Croatia	HR022						drought	Agriculture	Annual crops	other	0	0	Hazelnut yie	printed newspaper	Večernji list, Su, 2011-10
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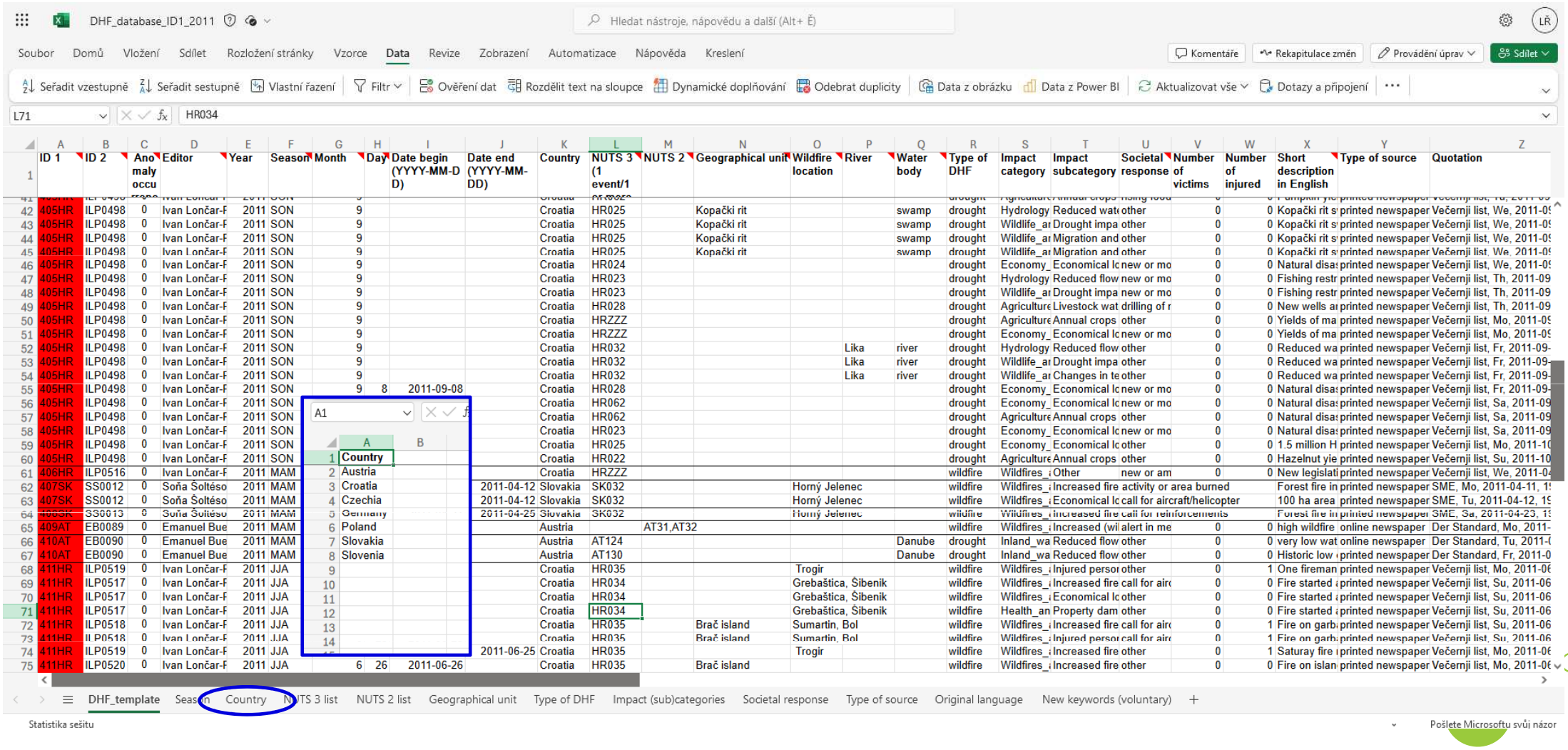
407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	2011-04-10	2011-04-12	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Increased fire	activity or area burned			Forest fire in	printed newspaper	SME, Mo, 2011-04-11, 1
407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	2011-04-10	2011-04-12	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Economical lc	call for aircraft/helicopter			100 ha area	printed newspaper	SME, Tu, 2011-04-12, 1
408SK	SS0013	0	Soňa Šoltéso	2011	MAM	4	21	2011-04-21	2011-04-25	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Increased fire	call for reinforcements			Forest fire in	printed newspaper	SME, Sa, 2011-04-23, 1
409AT	EB0089	0	Emanuel Bue	2011	MAM	5	9	2011-05-09		Austria		AT31,AT32					wildfire	Wildfires_i	Increased (wi	alert in me	0	0	high wildfire	online newspaper	Der Standard, Mo, 2011-
410AT	EB0090	0	Emanuel Bue	2011	MAM	5	10	2011-05-10		Austria	AT124					Danube	drought	Inland_wa	Reduced flow	other	0	0	very low wat	online newspaper	Der Standard, Tu, 2011-0
410AT	EB0090	0	Emanuel Bue	2011	MAM	5	13	2011-05-13		Austria	AT130					Danube	drought	Inland_wa	Reduced flow	other	0	0	Historic low	printed newspaper	Der Standard, Fr, 2011-0
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6				Croatia	HR035			Trogir			wildfire	Wildfires_i	Injured persor	other	0	1	One fireman	printed newspaper	Večernji list, Mo, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034			Grebaštica, Šibenik			wildfire	Wildfires_i	Increased fire	call for airc	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034			Grebaštica, Šibenik			wildfire	Wildfires_i	Economical lc	other	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034			Grebaštica, Šibenik			wildfire	Health_an	Property dam	other	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR035		Brač island	Sumartin, Bol			wildfire	Wildfires_i	Increased fire	call for airc	0	1	Fire on garbi	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR035		Brač island	Sumartin, Bol			wildfire	Wildfires_i	Injured persor	call for airc	0	1	Fire on garbi	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25	2011-06-25	Croatia	HR035			Trogir			wildfire	Wildfires_i	Increased fire	other	0	1	Saturay fire	printed newspaper	Večernji list, Mo, 2011-06
411HR	ILP0520	0	Ivan Lončar-F	2011	JJA	6	26	2011-06-26		Croatia	HR035		Brač island				wildfire	Wildfires_i	Increased fire	other	0	0	Fire on islan	printed newspaper	Večernji list, Mo, 2011-06

DATABASE STRUCTURE



DHF_database_ID1_2011

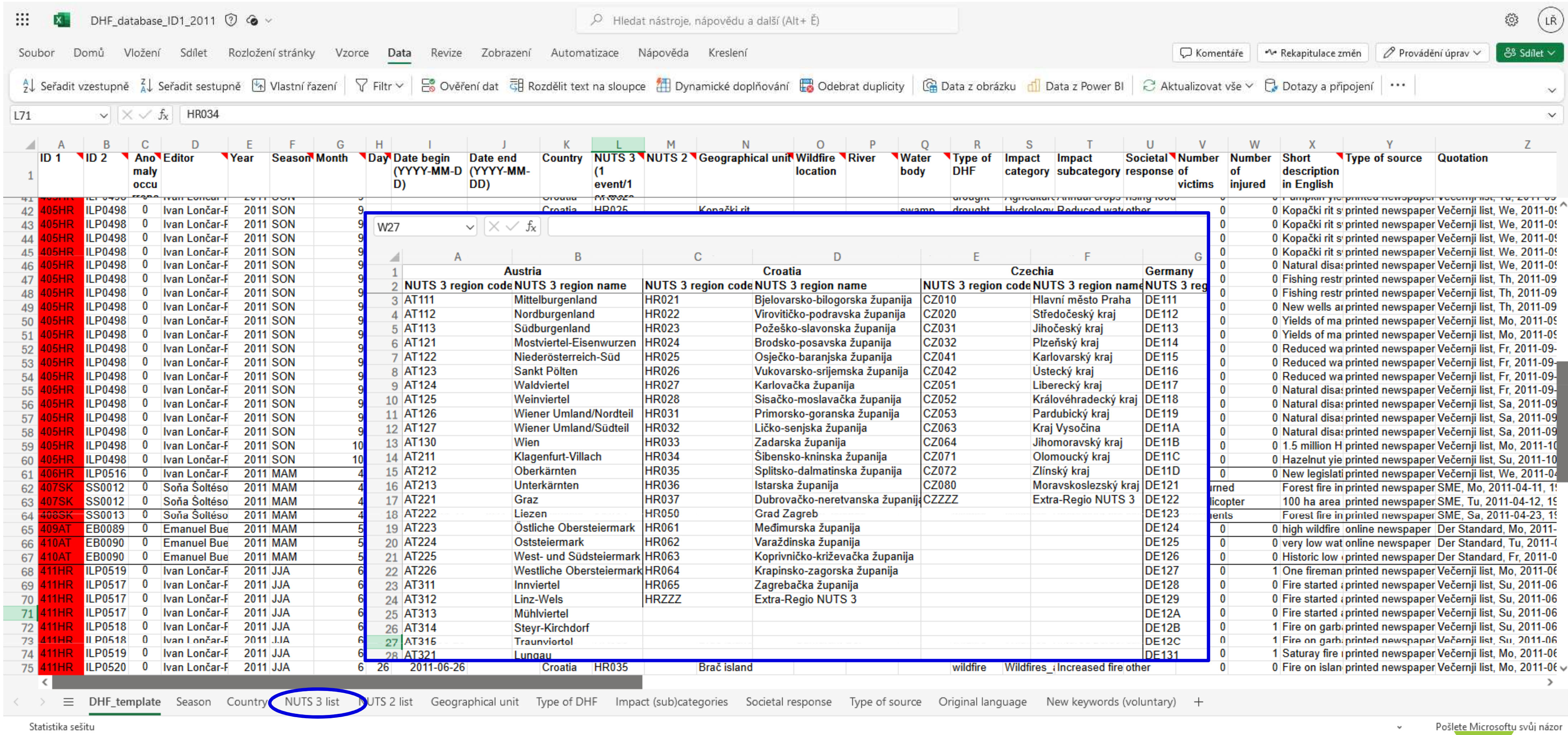
ID 1	ID 2	Anomaly occu	Editor	Year	Season	Month	Day	Date begin (YYYY-MM-DD)	Date end (YYYY-MM-DD)	Country	NUTS 3 (1 event/1	NUTS 2	Geographical unit	Wildfire location	River	Water body	Type of DHF	Impact category	Impact subcategory	Societal response	Number of victims	Number of injured	Short description in English	Type of source	Quotation
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Hydrology	Reduced wat	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Drought impa	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Migration and	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Migration and	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR024						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR023						drought	Hydrology	Reduced flow	new or mo	0	0	Fishing restr	printed newspaper	Večernji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR023						drought	Wildlife_ar	Drought impa	new or mo	0	0	Fishing restr	printed newspaper	Večernji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR028						drought	Agriculture	Livestock wat	drilling of r	0	0	New wells ar	printed newspaper	Večernji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HRZZZ						drought	Agriculture	Annual crops	other	0	0	Yields of ma	printed newspaper	Večernji list, Mo, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HRZZZ						drought	Economy_	Economical lc	new or mo	0	0	Yields of ma	printed newspaper	Večernji list, Mo, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Hydrology	Reduced flow	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Wildlife_ar	Drought impa	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Wildlife_ar	Changes in te	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	8	2011-09-08		Croatia	HR028						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON					Croatia	HR062						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON					Croatia	HR062						drought	Agriculture	Annual crops	other	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON					Croatia	HR023						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON					Croatia	HR025						drought	Economy_	Economical lc	other	0	0	1.5 million H	printed newspaper	Večernji list, Mo, 2011-1
405HR	ILP0498	0	Ivan Lončar-F	2011	SON					Croatia	HR022						drought	Agriculture	Annual crops	other	0	0	Hazelnut yie	printed newspaper	Večernji list, Su, 2011-10
406HR	ILP0516	0	Ivan Lončar-F	2011	MAM					Croatia	HRZZZ						wildfire	Wildfires_i	Other	new or am	0	0	New legislati	printed newspaper	Večernji list, We, 2011-0
407SK	SS0012	0	Soňa Šoltés	2011	MAM				2011-04-12	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Increased fire	activity or area burned			Forest fire in	printed newspaper	SME, Mo, 2011-04-11, 1
407SK	SS0012	0	Soňa Šoltés	2011	MAM				2011-04-12	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Economical lc	call for aircraft/helicopter			100 ha area	printed newspaper	SME, Tu, 2011-04-12, 1
408SK	SS0013	0	Soňa Šoltés	2011	MAM				2011-04-25	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Increased fire	call for reinforcements			Forest fire in	printed newspaper	SME, Sa, 2011-04-23, 1
409AT	EB0089	0	Emanuel Bue	2011	MAM					Austria		AT31,AT32					wildfire	Wildfires_i	Increased (wil	alert in me	0	0	high wildfire	online newspaper	Der Standard, Mo, 2011-
410AT	EB0090	0	Emanuel Bue	2011	MAM					Austria	AT124					Danube	drought	Inland_wa	Reduced flow	other	0	0	very low wat	online newspaper	Der Standard, Tu, 2011-0
410AT	EB0090	0	Emanuel Bue	2011	MAM					Austria	AT130					Danube	drought	Inland_wa	Reduced flow	other	0	0	Historic low	printed newspaper	Der Standard, Fr, 2011-0
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA					Croatia	HR035			Trogir			wildfire	Wildfires_i	Injured perso	other	0	1	One fireman	printed newspaper	Večernji list, Mo, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA					Croatia	HR034			Grebaštica, Šibenik			wildfire	Wildfires_i	Increased fire	call for airc	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA					Croatia	HR034			Grebaštica, Šibenik			wildfire	Wildfires_i	Economical lc	other	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA					Croatia	HR034			Grebaštica, Šibenik			wildfire	Health_an	Property dam	other	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA					Croatia	HR035		Brač island	Sumartin, Bol			wildfire	Wildfires_i	Increased fire	call for airc	0	1	Fire on garb	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA					Croatia	HR035		Brač island	Sumartin, Bol			wildfire	Wildfires_i	Injured perso	call for airc	0	1	Fire on garb	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA				2011-06-25	Croatia	HR035			Trogir			wildfire	Wildfires_i	Increased fire	other	0	1	Saturay fire	printed newspaper	Večernji list, Mo, 2011-06
411HR	ILP0520	0	Ivan Lončar-F	2011	JJA	6	26	2011-06-26		Croatia	HR035		Brač island				wildfire	Wildfires_i	Increased fire	other	0	0	Fire on islan	printed newspaper	Večernji list, Mo, 2011-06

A1

	A	B
1	Country	
2	Austria	
3	Croatia	
4	Czechia	
5	Germany	
6	Poland	
7	Slovakia	
8	Slovenia	
9		
10		
11		
12		
13		
14		

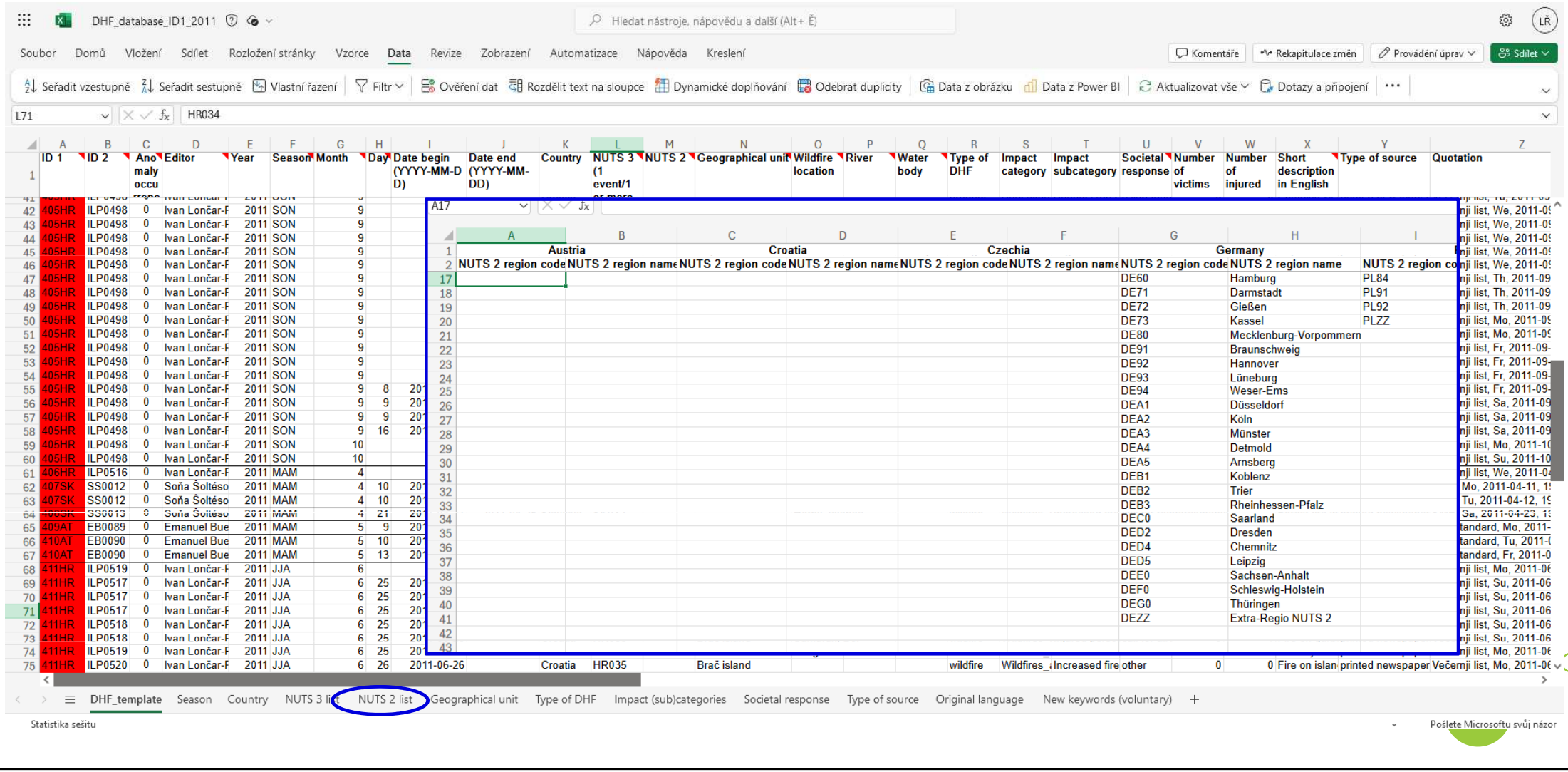
DHF_template | Season | Country | NUTS 3 list | NUTS 2 list | Geographical unit | Type of DHF | Impact (sub)categories | Societal response | Type of source | Original language | New keywords (voluntary)

DATABASE STRUCTURE



	Austria		Croatia		Czechia		Germany
	NUTS 3 region code	NUTS 3 region name	NUTS 3 region code	NUTS 3 region name	NUTS 3 region code	NUTS 3 region name	NUTS 3 reg
3	AT111	Mittelburgenland	HR021	Bjelovarsko-bilogorska županija	CZ010	Hlavní město Praha	DE111
4	AT112	Nordburgenland	HR022	Virovitičko-podravska županija	CZ020	Středočeský kraj	DE112
5	AT113	Südburgenland	HR023	Požeško-slavonska županija	CZ031	Jihočeský kraj	DE113
6	AT121	Mostviertel-Eisenwurzen	HR024	Brodsko-posavska županija	CZ032	Plzeňský kraj	DE114
7	AT122	Niederösterreich-Süd	HR025	Osječko-baranjska županija	CZ041	Karlovarský kraj	DE115
8	AT123	Sankt Pölten	HR026	Vukovarsko-srijemska županija	CZ042	Ústecký kraj	DE116
9	AT124	Waldviertel	HR027	Karlovačka županija	CZ051	Liberecký kraj	DE117
10	AT125	Weinviertel	HR028	Sisačko-moslavačka županija	CZ052	Královéhradecký kraj	DE118
11	AT126	Wiener Umland/Nordteil	HR031	Primorsko-goranska županija	CZ053	Pardubický kraj	DE119
12	AT127	Wiener Umland/Südteil	HR032	Ličko-senjska županija	CZ063	Kraj Vysočina	DE11A
13	AT130	Wien	HR033	Zadarska županija	CZ064	Jihomoravský kraj	DE11B
14	AT211	Klagenfurt-Villach	HR034	Šibensko-kninska županija	CZ071	Olomoucký kraj	DE11C
15	AT212	Oberkärnten	HR035	Splitsko-dalmatinska županija	CZ072	Zlínský kraj	DE11D
16	AT213	Unterkärnten	HR036	Istarska županija	CZ080	Moravskoslezský kraj	DE121
17	AT221	Graz	HR037	Dubrovačko-neretvanska županija	CZZZZ	Extra-Regio NUTS 3	DE122
18	AT222	Liezen	HR050	Grad Zagreb			DE123
19	AT223	Östliche Obersteiermark	HR061	Međimurska županija			DE124
20	AT224	Oststeiermark	HR062	Varaždinska županija			DE125
21	AT225	West- und Südsteiermark	HR063	Koprivničko-križevačka županija			DE126
22	AT226	Westliche Obersteiermark	HR064	Krapinsko-zagorska županija			DE127
23	AT311	Innviertel	HR065	Zagrebačka županija			DE128
24	AT312	Linz-Wels	HRZZZ	Extra-Regio NUTS 3			DE129
25	AT313	Mühlviertel					DE12A
26	AT314	Steyr-Kirchdorf					DE12B
27	AT315	Traunviertel					DE12C
28	AT321	Lungau					DE131

DATABASE STRUCTURE



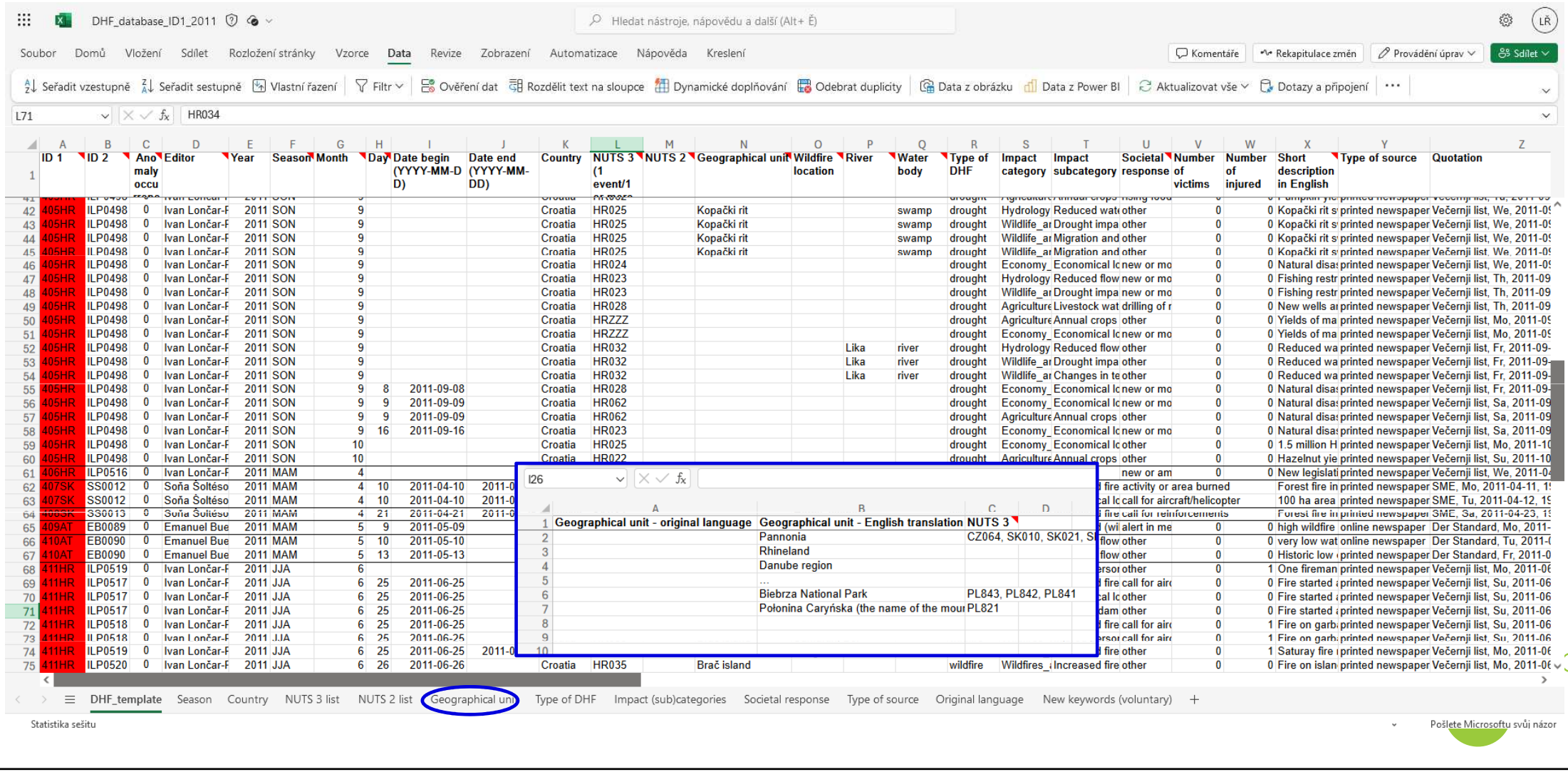
DHF_database_ID1_2011

ID 1	ID 2	Anomaly occu	Editor	Year	Season	Month	Day	Date begin (YYYY-MM-DD)	Date end (YYYY-MM-DD)	Country	NUTS 3 (1 event/1	NUTS 2	Geographical unit	Wildfire location	River	Water body	Type of DHF	Impact category	Impact subcategory	Societal response	Number of victims	Number of injured	Short description in English	Type of source	Quotation
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, We, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, We, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, We, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, We, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, Mo, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, Mo, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9																			nji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	8	20																	nji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	20																	nji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	20																	nji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	16	20																	nji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10																			nji list, Mo, 2011-10
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10																			nji list, Su, 2011-10
406HR	ILP0516	0	Ivan Lončar-F	2011	MAM	4																			nji list, We, 2011-04
407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	20																	Mo, 2011-04-11, 19
407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	20																	Tu, 2011-04-12, 19
408SK	SS0013	0	Soňa Šoltéso	2011	MAM	4	21	20																	Sa, 2011-04-23, 19
409AT	EB0089	0	Emanuel Bue	2011	MAM	5	9	20																	standard, Mo, 2011-
410AT	EB0090	0	Emanuel Bue	2011	MAM	5	10	20																	standard, Tu, 2011-0
410AT	EB0090	0	Emanuel Bue	2011	MAM	5	13	20																	standard, Fr, 2011-0
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6																			nji list, Mo, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	20																	nji list, Su, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	20																	nji list, Su, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	20																	nji list, Su, 2011-06
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	20																	nji list, Su, 2011-06
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	20																	nji list, Su, 2011-06
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6	25	20																	nji list, Mo, 2011-06
411HR	ILP0520	0	Ivan Lončar-F	2011	JJA	6	26	2011-06-26		Croatia	HR035		Brač island				wildfire	Wildfires_	Increased fire	other	0	0	Fire on islan	printed newspaper	Večernji list, Mo, 2011-06

Austria		Croatia		Czechia		Germany		
NUTS 2 region code	NUTS 2 region name	NUTS 2 region code	NUTS 2 region name	NUTS 2 region code	NUTS 2 region name	NUTS 2 region code	NUTS 2 region name	NUTS 2 region co
						DE60	Hamburg	PL84
						DE71	Darmstadt	PL91
						DE72	Gießen	PL92
						DE73	Kassel	PLZZ
						DE80	Mecklenburg-Vorpommern	
						DE91	Braunschweig	
						DE92	Hannover	
						DE93	Lüneburg	
						DE94	Weser-Ems	
						DEA1	Düsseldorf	
						DEA2	Köln	
						DEA3	Münster	
						DEA4	Detmold	
						DEA5	Arnsberg	
						DEB1	Koblenz	
						DEB2	Trier	
						DEB3	Rheinhessen-Pfalz	
						DEC0	Saarland	
						DED2	Dresden	
						DED4	Chemnitz	
						DED5	Leipzig	
						DEE0	Sachsen-Anhalt	
						DEF0	Schleswig-Holstein	
						DEG0	Thüringen	
						DEZZ	Extra-Regio NUTS 2	

DHF_template | Season | Country | NUTS 3 li | NUTS 2 list | Geographical unit | Type of DHF | Impact (sub)categories | Societal response | Type of source | Original language | New keywords (voluntary)

DATABASE STRUCTURE



DHF_database_ID1_2011

ID 1	ID 2	Anomaly occu	Editor	Year	Season	Month	Day	Date begin (YYYY-MM-DD)	Date end (YYYY-MM-DD)	Country	NUTS 3 (1 event/1	NUTS 2	Geographical unit	Wildfire location	River	Water body	Type of DHF	Impact category	Impact subcategory	Societal response	Number of victims	Number of injured	Short description in English	Type of source	Quotation
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Hydrology	Reduced wat	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Drought impa	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Migration and	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Migration and	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR024						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, We, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR023						drought	Hydrology	Reduced flow	new or mo	0	0	Fishing restr	printed newspaper	Večernji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR023						drought	Wildlife_ar	Drought impa	new or mo	0	0	Fishing restr	printed newspaper	Večernji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR028						drought	Agriculture	Livestock wat	drilling of r	0	0	New wells ar	printed newspaper	Večernji list, Th, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HRZZZ						drought	Agriculture	Annual crops	other	0	0	Yields of ma	printed newspaper	Večernji list, Mo, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HRZZZ						drought	Economy_	Economical lc	new or mo	0	0	Yields of ma	printed newspaper	Večernji list, Mo, 2011-0
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Hydrology	Reduced flow	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Wildlife_ar	Drought impa	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Wildlife_ar	Changes in te	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	8	2011-09-08		Croatia	HR028						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Fr, 2011-09-
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	2011-09-09		Croatia	HR062						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	2011-09-09		Croatia	HR062						drought	Agriculture	Annual crops	other	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	16	2011-09-16		Croatia	HR023						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10				Croatia	HR025						drought	Economy_	Economical lc	other	0	0	1.5 million H	printed newspaper	Večernji list, Mo, 2011-1
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10				Croatia	HR022						drought	Agriculture	Annual crops	other	0	0	Hazelnut yie	printed newspaper	Večernji list, Su, 2011-10
406HR	ILP0516	0	Ivan Lončar-F	2011	MAM	4														new or am	0	0	New legislati	printed newspaper	Večernji list, We, 2011-0
407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	2011-04-10	2011-0										fire activity or area burned				Forest fire in	printed newspaper	SME, Mo, 2011-04-11, 1
407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	2011-04-10	2011-0										call for aircraft/helicopter				100 ha area	printed newspaper	SME, Tu, 2011-04-12, 1
408SK	SS0013	0	Soňa Šoltéso	2011	MAM	4	21	2011-04-21	2011-0										fire call for reinforcements				Forest fire in	printed newspaper	SME, Sa, 2011-04-23, 1
409AT	EB0089	0	Emanuel Bue	2011	MAM	5	9	2011-05-09											(wil	alert in me	0	0	high wildfire	online newspaper	Der Standard, Mo, 2011-
410AT	EB0090	0	Emanuel Bue	2011	MAM	5	10	2011-05-10												flow	other	0	0	very low wat	online newspaper	Der Standard, Tu, 2011-0
410AT	EB0090	0	Emanuel Bue	2011	MAM	5	13	2011-05-13												flow	other	0	0	Historic low	printed newspaper	Der Standard, Fr, 2011-0
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6															other	0	1	One fireman	printed newspaper	Večernji list, Mo, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25													call for airc	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25													other	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25													other	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25													call for airc	0	1	Fire on garba	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25													call for airc	0	1	Fire on garba	printed newspaper	Večernji list, Su, 2011-06
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25	2011-0												other	0	1	Saturay fire	printed newspaper	Večernji list, Mo, 2011-06
411HR	ILP0520	0	Ivan Lončar-F	2011	JJA	6	26	2011-06-26		Croatia	HR035		Brač island				wildfire	Wildfires_	Increased fire	other	0	0	Fire on islan	printed newspaper	Večernji list, Mo, 2011-06

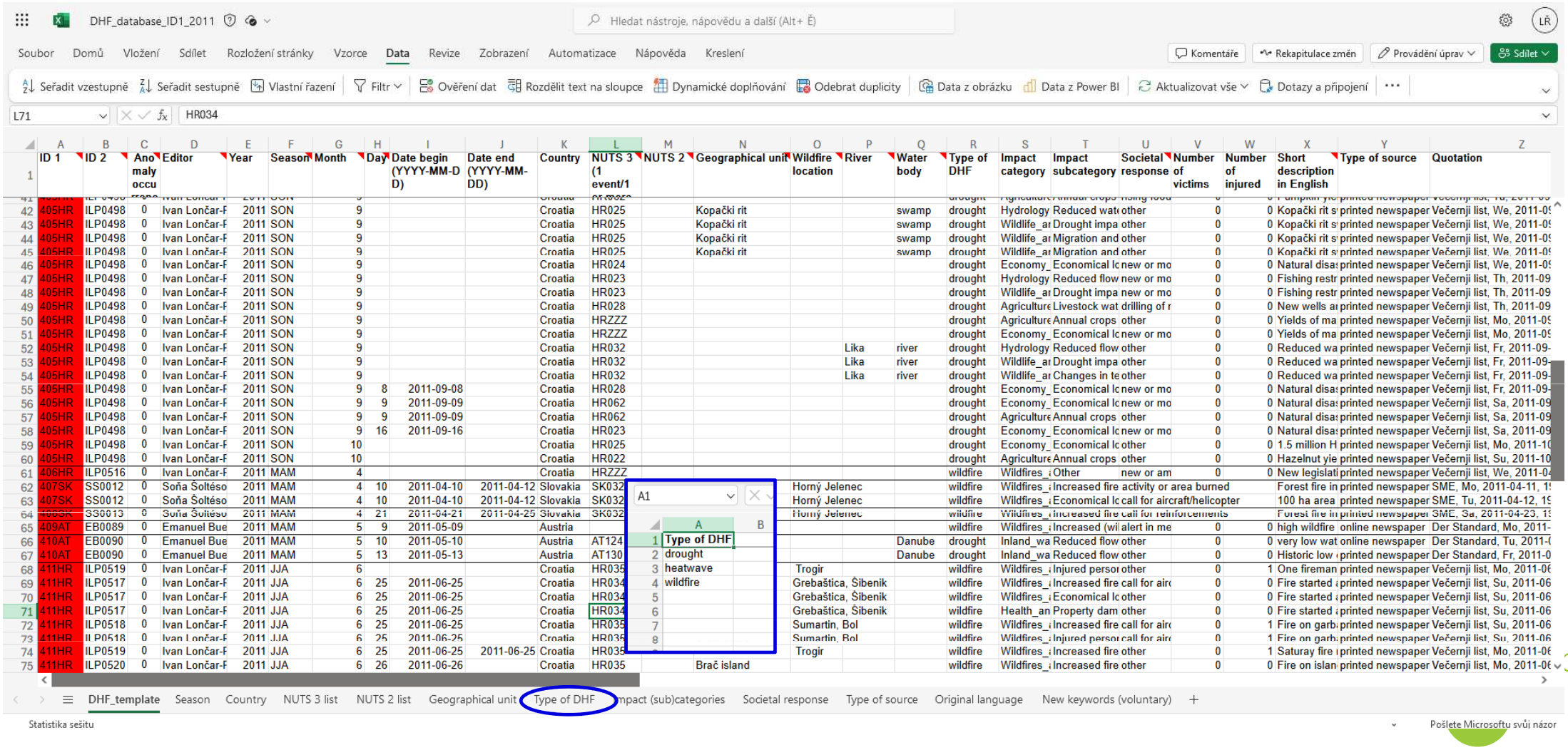
Geographical unit - original language	Geographical unit - English translation	NUTS 3
	Pannonia	CZ064, SK010, SK021, SI
	Rhineland	
	Danube region	
	...	
	Biebrza National Park	PL843, PL842, PL841
	Połonina Caryńska (the name of the mou	PL821

DHF_template | Season | Country | NUTS 3 list | NUTS 2 list | Geographical uni | Type of DHF | Impact (sub)categories | Societal response | Type of source | Original language | New keywords (voluntary)

Statistika sešitu

Pošlete Microsoftu svůj názor

DATABASE STRUCTURE



DHF_database_ID1_2011

Hledat nástroje, nápovědu a další (Alt+ Ě)

Soubor Domů Vložení Sdílet Rozložení stránky Vzorce Data Revize Zobrazení Automatizace Nápověda Kreslení

Komentáře Rekapitulace změn Provádění úprav Sdílet

Seřadit vzestupně Seřadit sestupně Vlastní řazení Filtr Ověření dat Rozdělit text na sloupce Dynamické doplňování Odebrat duplicity Data z obrázku Data z Power BI Aktualizovat vše Dotazy a připojení

L71 HR034

	ID 1	ID 2	Anomaly occu	Editor	Year	Season	Month	Day	Date begin (YYYY-MM-DD)	Date end (YYYY-MM-DD)	Country	NUTS 3 (1 event/1	NUTS 2	Geographical unit	Wildfire location	River	Water body	Type of DHF	Impact category	Impact subcategory	Societal response	Number of victims	Number of injured	Short description in English	Type of source	Quotation
42	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Hydrology	Reduced wat	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
43	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Drought impa	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
44	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Migration and	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
45	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopački rit			swamp	drought	Wildlife_ar	Migration and	other	0	0	Kopački rit s	printed newspaper	Večernji list, We, 2011-0
46	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR024						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, We, 2011-0
47	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR023						drought	Hydrology	Reduced flow	new or mo	0	0	Fishing restr	printed newspaper	Večernji list, Th, 2011-09
48	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR023						drought	Wildlife_ar	Drought impa	new or mo	0	0	Fishing restr	printed newspaper	Večernji list, Th, 2011-09
49	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR028						drought	Agriculture	Livestock wat	drilling of r	0	0	New wells ar	printed newspaper	Večernji list, Th, 2011-09
50	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HRZZZ						drought	Agriculture	Annual crops	other	0	0	Yields of ma	printed newspaper	Večernji list, Mo, 2011-0
51	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HRZZZ						drought	Economy_	Economical lc	new or mo	0	0	Yields of ma	printed newspaper	Večernji list, Mo, 2011-0
52	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Hydrology	Reduced flow	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
53	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Wildlife_ar	Drought impa	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
54	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032				Lika	river	drought	Wildlife_ar	Changes in te	other	0	0	Reduced wa	printed newspaper	Večernji list, Fr, 2011-09-
55	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	8	2011-09-08		Croatia	HR028						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Fr, 2011-09-
56	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	2011-09-09		Croatia	HR062						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
57	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	2011-09-09		Croatia	HR062						drought	Agriculture	Annual crops	other	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
58	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	16	2011-09-16		Croatia	HR023						drought	Economy_	Economical lc	new or mo	0	0	Natural disas	printed newspaper	Večernji list, Sa, 2011-09
59	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10				Croatia	HR025						drought	Economy_	Economical lc	other	0	0	1.5 million H	printed newspaper	Večernji list, Mo, 2011-1
60	405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10				Croatia	HR022						drought	Agriculture	Annual crops	other	0	0	Hazelnut yie	printed newspaper	Večernji list, Su, 2011-10
61	406HR	ILP0516	0	Ivan Lončar-F	2011	MAM	4				Croatia	HRZZZ						wildfire	Wildfires_i	Other	new or am	0	0	New legislati	printed newspaper	Večernji list, We, 2011-04
62	407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	2011-04-10	2011-04-12	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Increased fire	activity or area burned			Forest fire in	printed newspaper	SME, Mo, 2011-04-11, 19
63	407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	2011-04-10	2011-04-12	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Economical lc	call for aircraft/helicopter			100 ha area	printed newspaper	SME, Tu, 2011-04-12, 19
64	408SK	SS0013	0	Soňa Šoltéso	2011	MAM	4	21	2011-04-21	2011-04-25	Slovakia	SK032			Horný Jelenec			wildfire	Wildfires_i	Increased fire	call for reinforcements			Forest fire in	printed newspaper	SME, Sa, 2011-04-23, 19
65	409AT	EB0089	0	Emanuel Bue	2011	MAM	5	9	2011-05-09		Austria							wildfire	Wildfires_i	Increased (wil	alert in me	0	0	high wildfire	online newspaper	Der Standard, Mo, 2011-
66	410AT	EB0090	0	Emanuel Bue	2011	MAM	5	10	2011-05-10		Austria	AT124					Danube	drought	Inland_wa	Reduced flow	other	0	0	very low wat	online newspaper	Der Standard, Tu, 2011-0
67	410AT	EB0090	0	Emanuel Bue	2011	MAM	5	13	2011-05-13		Austria	AT130					Danube	drought	Inland_wa	Reduced flow	other	0	0	Historic low	printed newspaper	Der Standard, Fr, 2011-0
68	411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6				Croatia	HR035			Trogir			wildfire	Wildfires_i	Injured persor	other	0	1	One fireman	printed newspaper	Večernji list, Mo, 2011-06
69	411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034			Grebaštica, Šibenik			wildfire	Wildfires_i	Increased fire	call for airc	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
70	411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034			Grebaštica, Šibenik			wildfire	Wildfires_i	Economical lc	other	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
71	411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034			Grebaštica, Šibenik			wildfire	Health_an	Property dam	other	0	0	Fire started a	printed newspaper	Večernji list, Su, 2011-06
72	411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR035			Sumartin, Bol			wildfire	Wildfires_i	Increased fire	call for airc	0	1	Fire on garb	printed newspaper	Večernji list, Su, 2011-06
73	411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR035			Sumartin, Bol			wildfire	Wildfires_i	Injured persor	call for airc	0	1	Fire on garb	printed newspaper	Večernji list, Su, 2011-06
74	411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25	2011-06-25	Croatia	HR035			Trogir			wildfire	Wildfires_i	Increased fire	other	0	1	Saturay fire	printed newspaper	Večernji list, Mo, 2011-06
75	411HR	ILP0520	0	Ivan Lončar-F	2011	JJA	6	26	2011-06-26		Croatia	HR035		Brač island				wildfire	Wildfires_i	Increased fire	other	0	0	Fire on islan	printed newspaper	Večernji list, Mo, 2011-06

A1

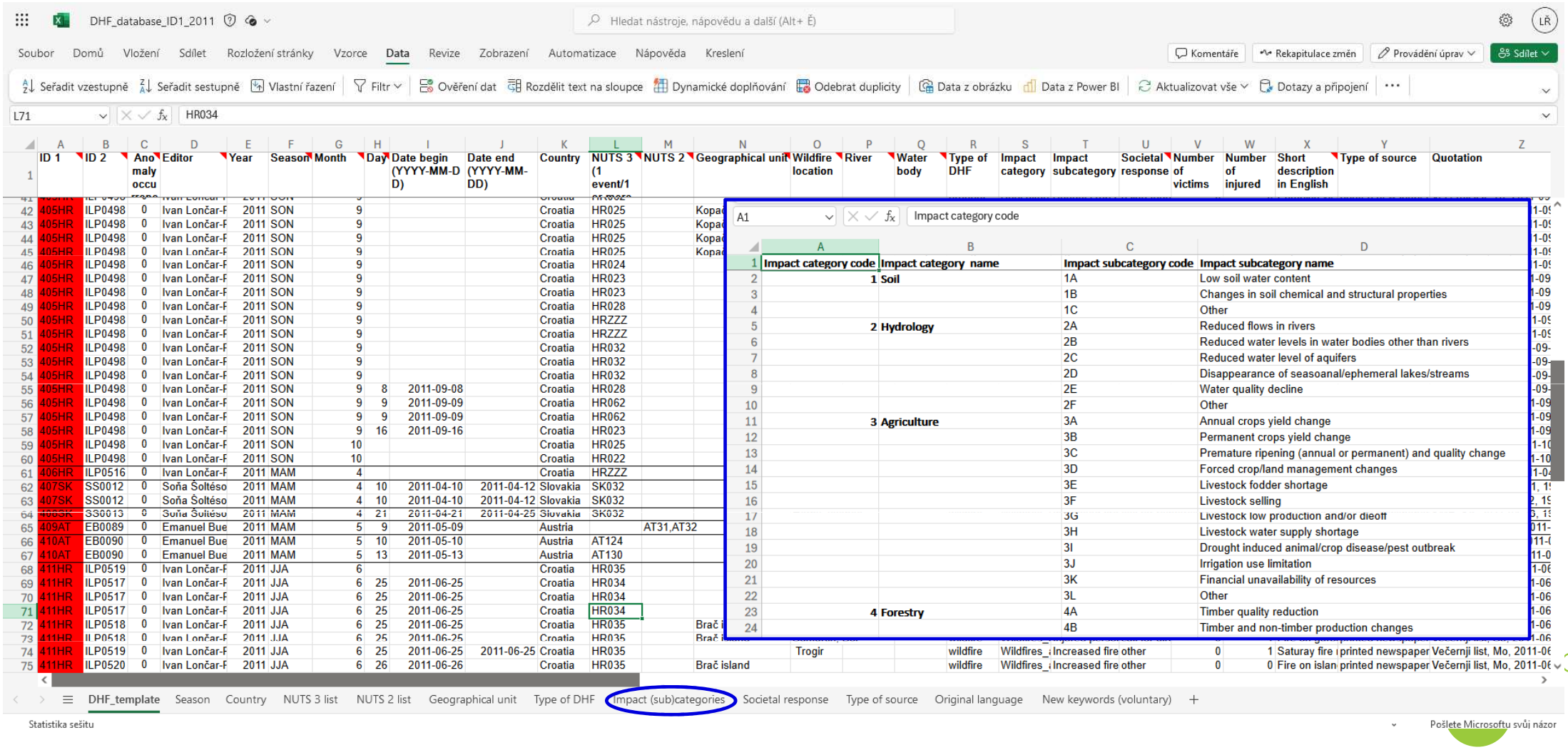
	A	B
1	Type of DHF	
2	drought	
3	heatwave	
4	wildfire	
5		
6		
7		
8		

DHF_template Season Country NUTS 3 list NUTS 2 list Geographical unit Type of DHF mpact (sub)categories Societal response Type of source Original language New keywords (voluntary)

Statistika sešitu

Pošlete Microsoftu svůj názor

DATABASE STRUCTURE



DHF_database_ID1_2011

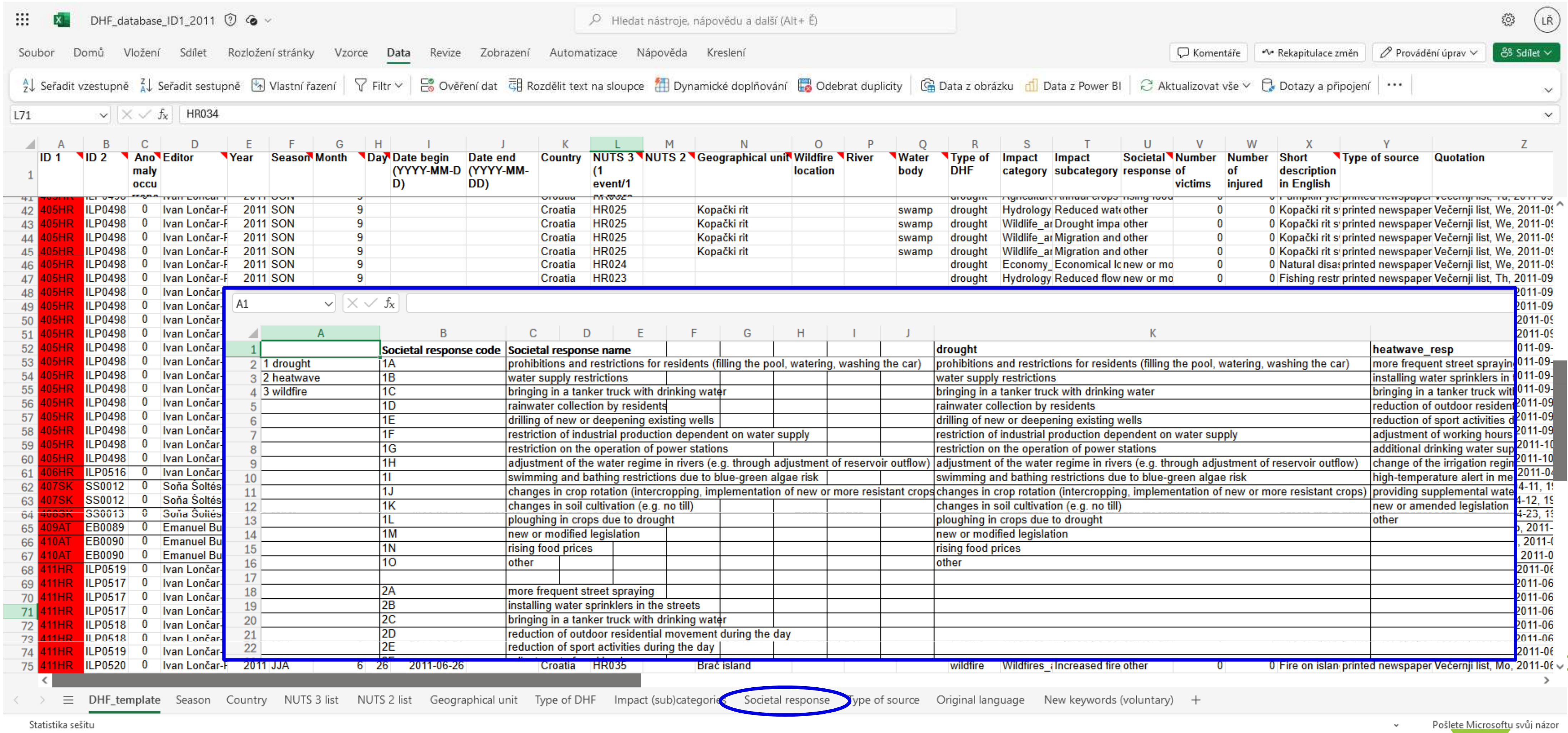
ID 1	ID 2	Anomaly occu	Editor	Year	Season	Month	Day	Date begin (YYYY-MM-DD)	Date end (YYYY-MM-DD)	Country	NUTS 3 (1 event/1	NUTS 2	Geographical unit	Wildfire location	River	Water body	Type of DHF	Impact category	Impact subcategory	Societal response	Number of victims	Number of injured	Short description in English	Type of source	Quotation
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopa												
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopa												
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR025		Kopa												
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR024														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR023														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR023														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR028														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HRZZZ														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HRZZZ														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9				Croatia	HR032														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	8	2011-09-08		Croatia	HR028														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	2011-09-09		Croatia	HR062														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	9	2011-09-09		Croatia	HR062														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	9	16	2011-09-16		Croatia	HR023														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10				Croatia	HR025														
405HR	ILP0498	0	Ivan Lončar-F	2011	SON	10				Croatia	HR022														
406HR	ILP0516	0	Ivan Lončar-F	2011	MAM	4				Croatia	HRZZZ														
407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	2011-04-10	2011-04-12	Slovakia	SK032														
407SK	SS0012	0	Soňa Šoltéso	2011	MAM	4	10	2011-04-10	2011-04-12	Slovakia	SK032														
408SK	SS0013	0	Soňa Šoltéso	2011	MAM	4	21	2011-04-21	2011-04-25	Slovakia	SK032														
409AT	EB0089	0	Emanuel Bue	2011	MAM	5	9	2011-05-09		Austria		AT31,AT32													
410AT	EB0090	0	Emanuel Bue	2011	MAM	5	10	2011-05-10		Austria	AT124														
410AT	EB0090	0	Emanuel Bue	2011	MAM	5	13	2011-05-13		Austria	AT130														
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6				Croatia	HR035														
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034														
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034														
411HR	ILP0517	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR034														
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR035		Brač i												
411HR	ILP0518	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25		Croatia	HR035		Brač												
411HR	ILP0519	0	Ivan Lončar-F	2011	JJA	6	25	2011-06-25	2011-06-25	Croatia	HR035			Trogir			wildfire	Wildfires_i	Increased fire other	0	1	Saturay fire i	printed newspaper	Večernji list, Mo, 2011-06	
411HR	ILP0520	0	Ivan Lončar-F	2011	JJA	6	26	2011-06-26		Croatia	HR035		Brač island				wildfire	Wildfires_i	Increased fire other	0	0	Fire on islan	printed newspaper	Večernji list, Mo, 2011-06	

A1: Impact category code

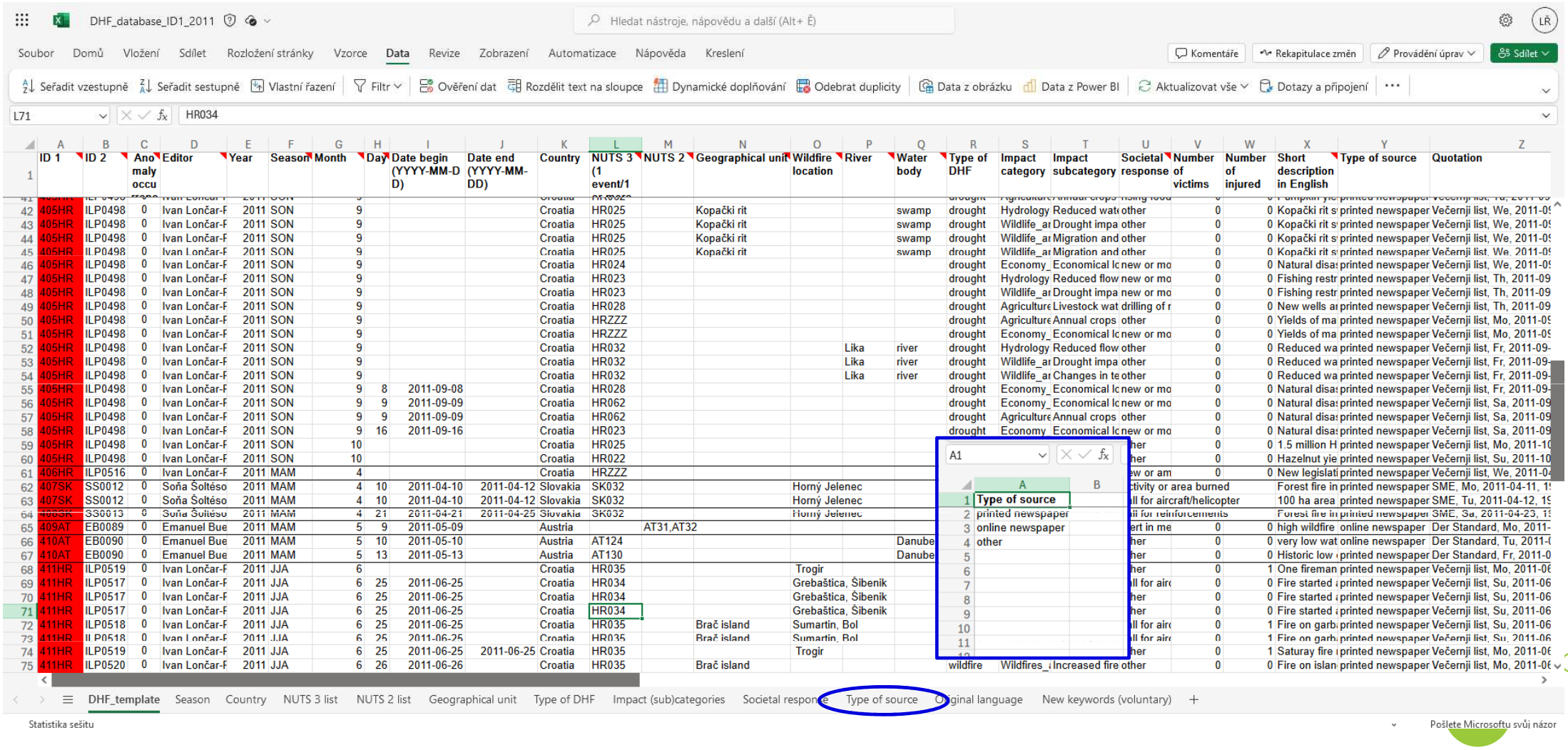
Impact category code	Impact category name	Impact subcategory code	Impact subcategory name
1	Soil	1A	Low soil water content
		1B	Changes in soil chemical and structural properties
		1C	Other
2	Hydrology	2A	Reduced flows in rivers
		2B	Reduced water levels in water bodies other than rivers
		2C	Reduced water level of aquifers
		2D	Disappearance of seasoanal/ephemeral lakes/streams
		2E	Water quality decline
		2F	Other
3	Agriculture	3A	Annual crops yield change
		3B	Permanent crops yield change
		3C	Premature ripening (annual or permanent) and quality change
		3D	Forced crop/land management changes
		3E	Livestock fodder shortage
		3F	Livestock selling
		3G	Livestock low production and/or dieoff
		3H	Livestock water supply shortage
		3I	Drought induced animal/crop disease/pest outbreak
		3J	Irrigation use limitation
		3K	Financial unavailability of resources
		3L	Other
4	Forestry	4A	Timber quality reduction
		4B	Timber and non-timber production changes

DHF_template | Season | Country | NUTS 3 list | NUTS 2 list | Geographical unit | Type of DHF | Impact (sub)categories | Societal response | Type of source | Original language | New keywords (voluntary)

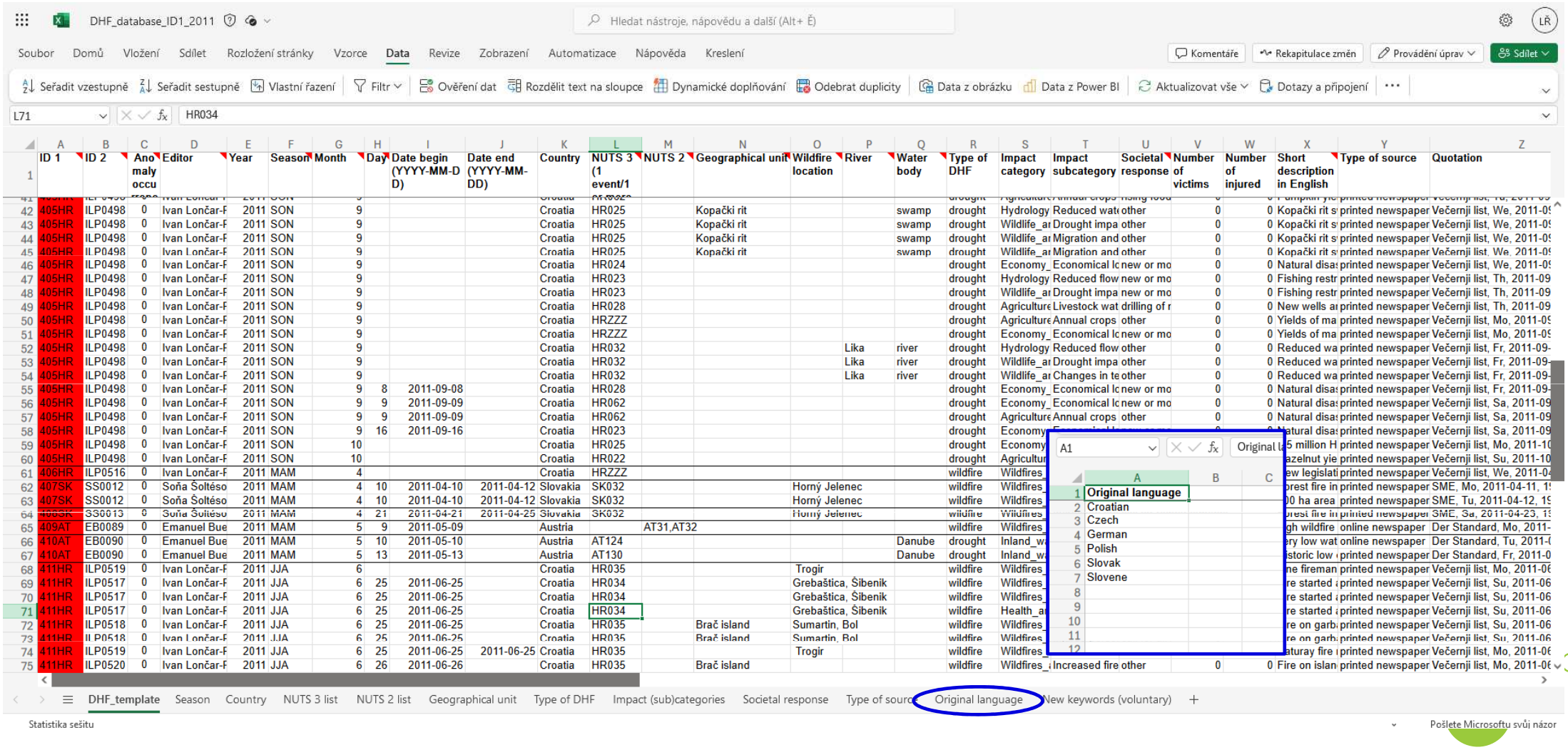
DATABASE STRUCTURE



DATABASE STRUCTURE



DATABASE STRUCTURE



DHF IMPACTS

Impact category code	Impact category name	Impact subcategory code	Impact subcategory name
1	Soil	1A	Low soil water content
		1B	Changes in soil chemical and structural properties
		1C	Other
2	Hydrology	2A	Reduced flows in rivers
		2B	Reduced water levels in water bodies other than rivers
		2C	Reduced water level of aquifers
		2D	Disappearance of seasoanal/ephemeral lakes/streams
		2E	Water quality decline
		2F	Other
3	Agriculture	3A	Annual crops yield change
		3B	Permanent crops yield change
		3C	Premature ripening (annual or permanent) and quality change
		3D	Forced crop/land management changes
		3E	Livestock fodder shortage
		3F	Livestock selling
		3G	Livestock low production and/or dieoff
		3H	Livestock water supply shortage
		3I	Drought induced animal/crop disease/pest outbreak
		3J	Irrigation use limitation
		3K	Financial unavailability of resources
		3L	Other
4	Forestry	4A	Timber quality reduction
		4B	
		4C	
5	Wildlife and plants	5A	
		5B	
		5C	
		5D	
		5E	
		5F	
		5G	
		5H	
		5I	

Impact category code	Impact category name	Impact subcategory code	Impact subcategory name
6	Wildfires and fire occurrence	6A	Increased fire activity or area burned
		6B	Economical losses due to wildfire activity
		6C	Increased (wild)fire danger
		6D	Casualty due to heatwave
		6E	Injured person(s)
		6F	Health difficulties
		6G	Other
7	Household water supply	7A	Water use restricted
		7B	Water unavailable for households
		7C	Increased water price
		7D	Impaired water quality
		7E	Deepening or drilling new wells
		7F	Other
8	Health and society	8A	Disease outbreak due to drought
		8B	Healthcare difficulties due to drought
		8C	Humanitarian aid in place
		8D	Drought induced migration
		8E	Drought-induced conflict and/or violence
		8F	Casualty due to drought
		8G	Area inhabitable due to lack of water
		8H	Social inequalities in/due to water accesibility and social changes
		8I	Food unavailable/restricted
			Drinking water unavailable/restricted
			Property damage/Building damage/Infrastructure damage
			Restrictions in place (other than household water use)
			Other
			Impacts on hydropower
			Impacts on nuclear power
			Other
			Reduced production
			Lower production quality
			Out of business due to drought
			Other

Impact category code	Impact category name	Impact subcategory code	Impact subcategory name
11	Tourism	11A	Water attractions restricted
		11B	Water sports restriction
		11C	Water use in resorts restricted
		11D	Restricted access
		11E	Skiing and winter activities affected
		11F	Other
12	Inland waterborne transportation	12A	Navigation limited or prohibited
		12B	Cargo limited or prohibited
		12C	Forced infrastructure changes
		12D	Other
13	Economy and technology	13A	Economical losses
		13B	Layoffs due to drought
		13C	Forced technology changes
		13D	Forced water recycling (eg rain water harvesting)
		13E	Increase in water and food prices
		13F	Increase in production cost
		13G	Other
14	Heatwave	14A	Health difficulties during heatwave
		14B	Casualty due to heatwave
		14C	Decrease in the well-being of livestock
		14D	Decrease in milk production
		15E	Other
15	Other	15A	Other

DHF DATABASE UTILIZATION

- Spatiotemporal analysis
- Comparation with instrumental data: drought indices, Heat Index, Fire Weather Index, etc
- Evaluation of DHF risks towards society and environment
- Severity index calcualtion

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Thank you for your attention

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