Table S2: *European sampling sites for France (Départment given in brackets), Sweden, Germany, Italy, The Netherlands, United Kingdom. Site names are taken from the data providers. For Germany, France and The Netherlands, maps are provided showing the location of the sampling sites. googlemaps or maps bing aerial view were used, whichever provided better resolution, for some maps, open street map was used. Values < LOD are not included in the plots. In the left column, we use an identical scale for glyphosate and AMPA concentrations, except in rare cases, then the concentration difference where too high (indicated with e.g. *5 for a five time zoom). For WWTPs, the capacity is given as inhabitant equivalents IE when available or number of inhabitants in the city or village.*

Data sources:

France (FR): *concentration data and map: naiades website during 2023 run by the Office Français de la Biodiversité, www.ofb.gouv.fr, data © at www.ofb.gouv.fr, WWTP information and locations of WWTPs from https://www.assainissement.developpement-durable.gouv.fr/PortailAC/data, discharge data from https://www.hydro.eaufrance.fr/rechercher/entites-hydrometriques*

***Sweden* (SE):** *data obtained from website SLU Jordbruksvatten Version 2022:3, winter data for glyphosate and AMPA for sites M42 and N34 kindly provided by mail from Sveriges lantbruksuniversitet and Swedish University of Agricultural Sciences.*

***Germany* (DE):**

WWTP information: https://kommunales-abwasser.de/ and website of service providers or newspapers for very small WWTPs

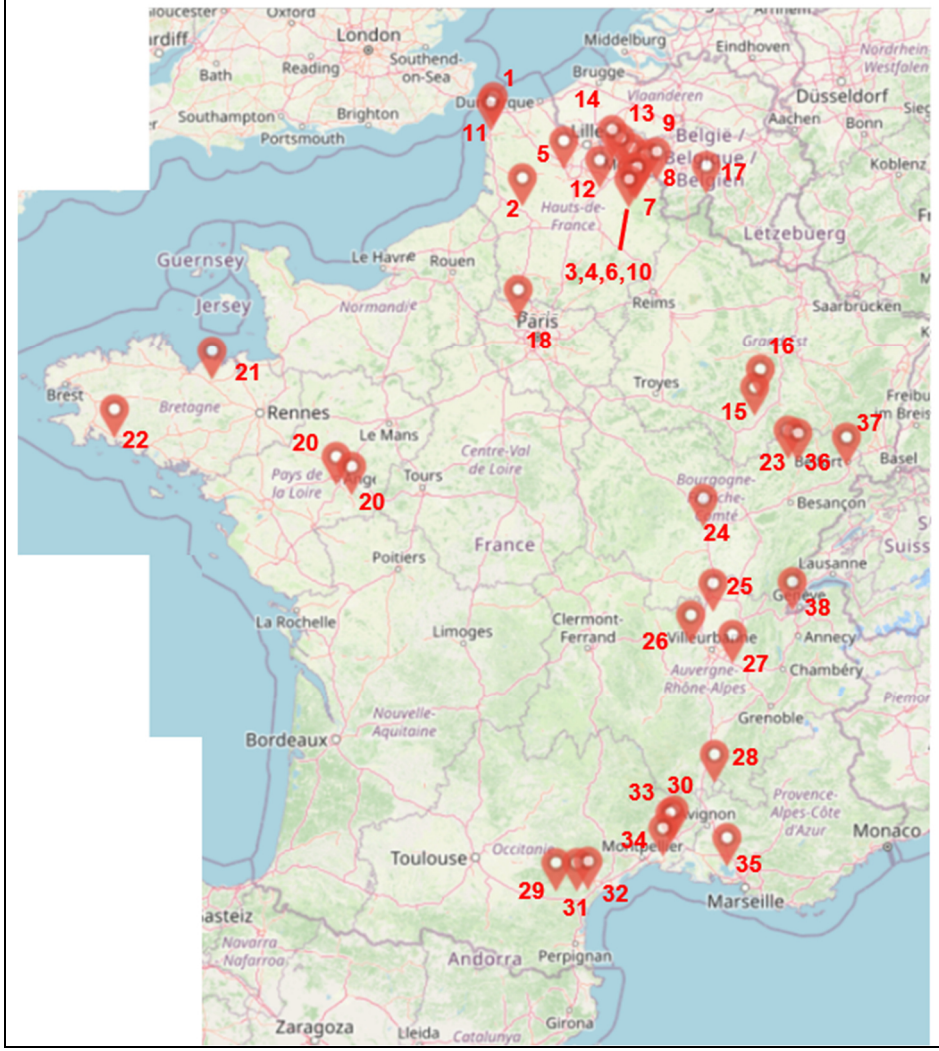
- *Baden-Württemberg (BW): data provided by Landesanstalt für Umwelt Baden-Württemberg and website Daten- und Kartendienst der LUBW, https://udo.lubw.baden-wuerttemberg.de, discharge data Mannheim provided by Wasserstraßen- und Schifffahrtsamt Neckar*
- *North Rhine-Westphalia (NRW): data taken from the website https://www.elwasweb.nrw.de/*
- *Rhineland-Palatinate (Rhp): data taken from the website https://geoportal-wasser.rlp-umwelt.de or provided by mail from the Umweltamt Rheinland-Pfalz,*
- *Thuringia (Thu): data kindly provided by TLUBN by mail, data other than for glyphosate were only available for the years 2020-2022,*
- *Bavaria (Bay): data sent by the Landesamt für Umwelt Bayern, map: https://www.nid.bayern.de/wassertemperatur/unterer_main/kahl-a-main-messstation-24078008/stammdaten*
- *Hessen: data kindly provided by Hessisches Landesamt für Naturschutz, Umwelt und Geologie by mail*
- *Berlin (Ber): glyphosate and AMPA data sent by mail by Berliner Wasserbetriebe; other concentration data provided by Senatsverwaltung für Mobilität, Verkehr, Klimaschutz und Umwelt, Berlin by mail; discharge data available online at the Wasserportal Berlin (https://wasserportal.berlin.de/station.php?anzeige=d&station=5870100&thema=odf), Site Lichterfelde*

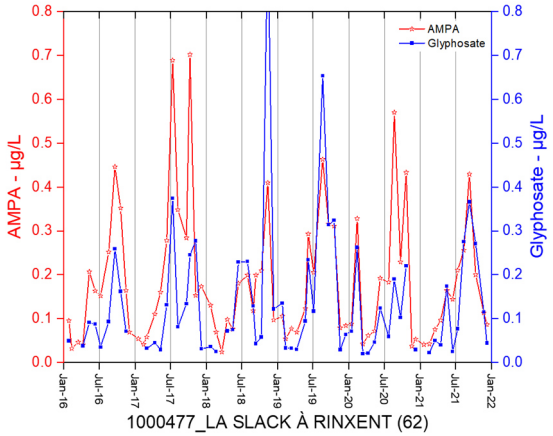
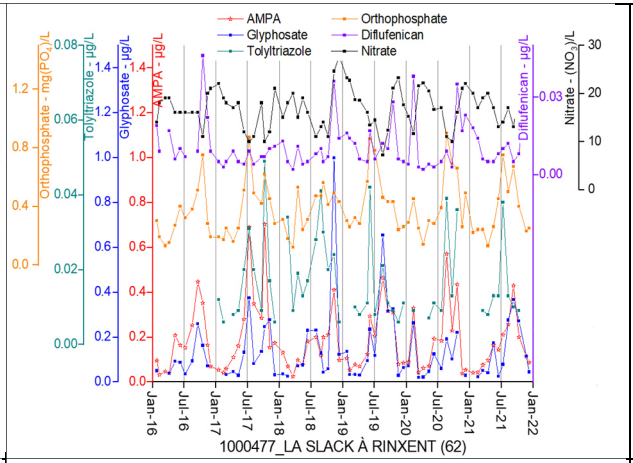
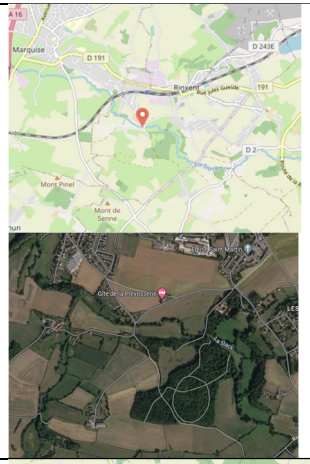
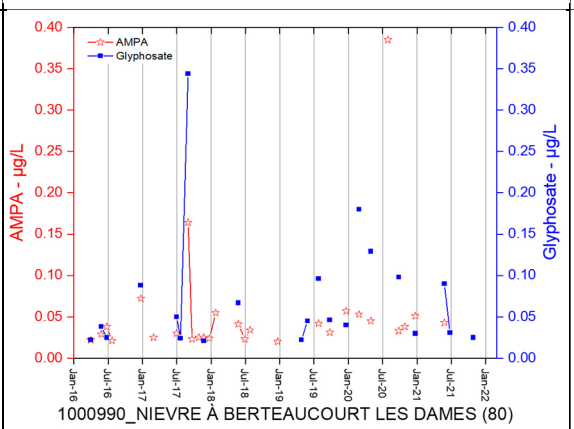
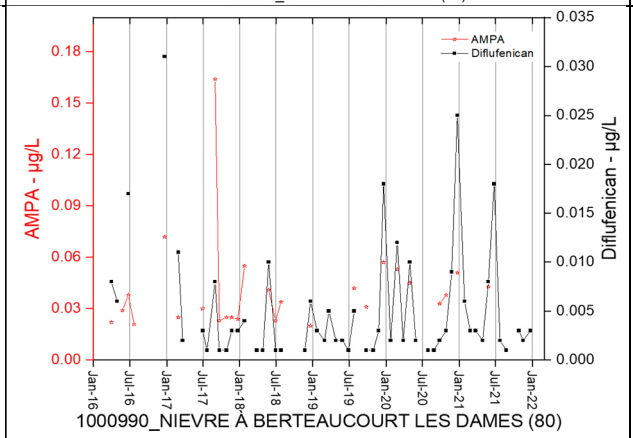
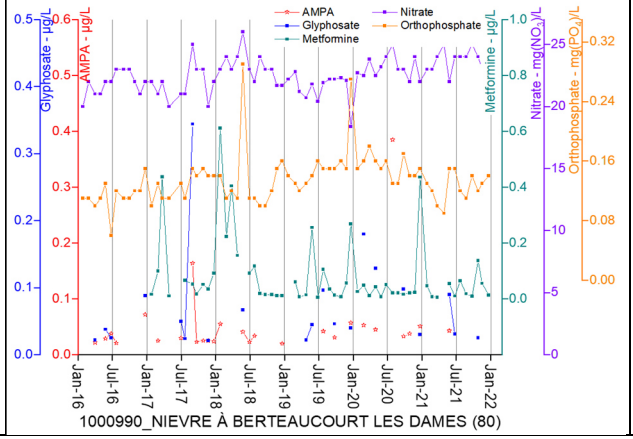
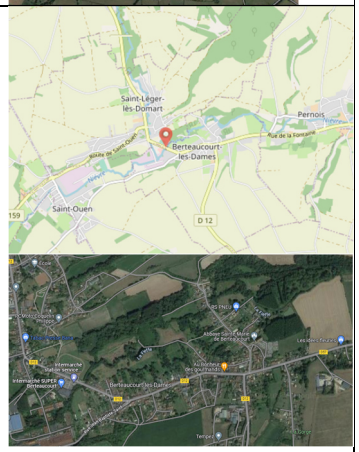
***The Netherlands* (NL):** *data from the website https://www.waterkwaliteitsportaal.nl/oppervlaktewaterkwaliteitin 2023; map data from https://www.msimons.nl/osm/; WWTP information: https://watersector.nl/rwzi/101/rwzi*

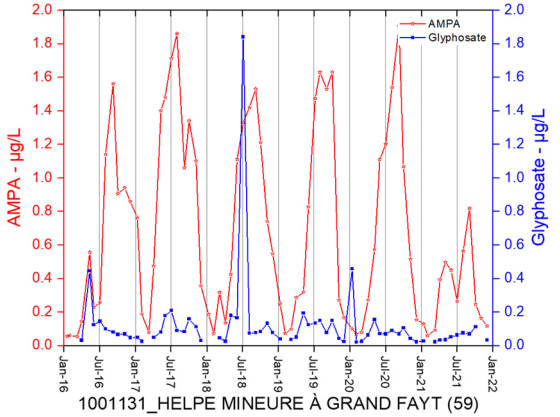
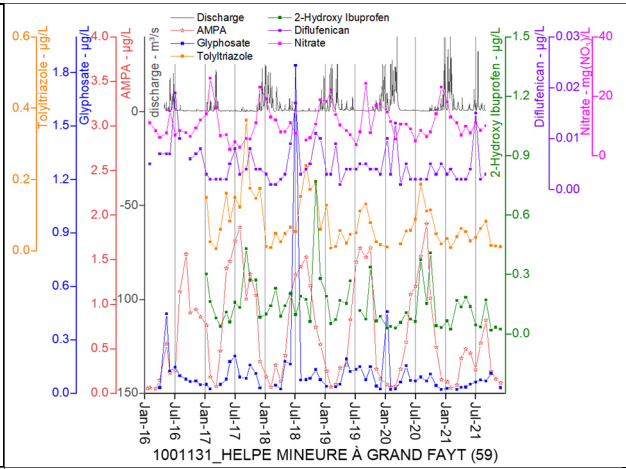
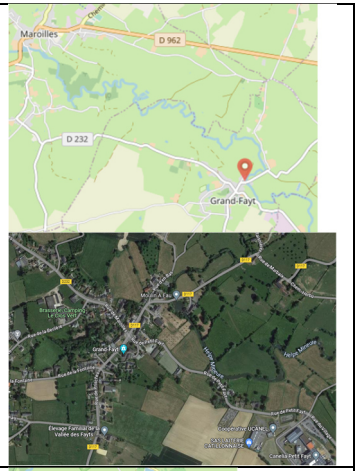
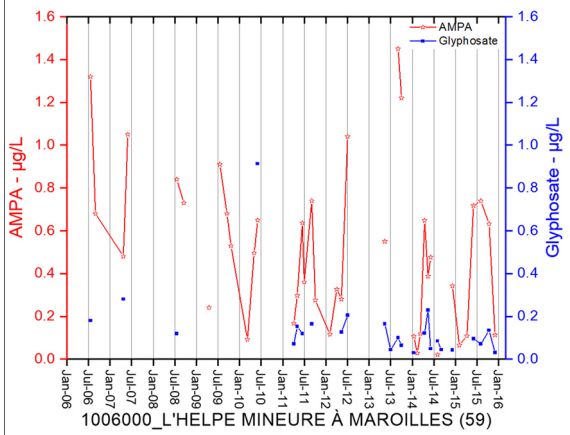
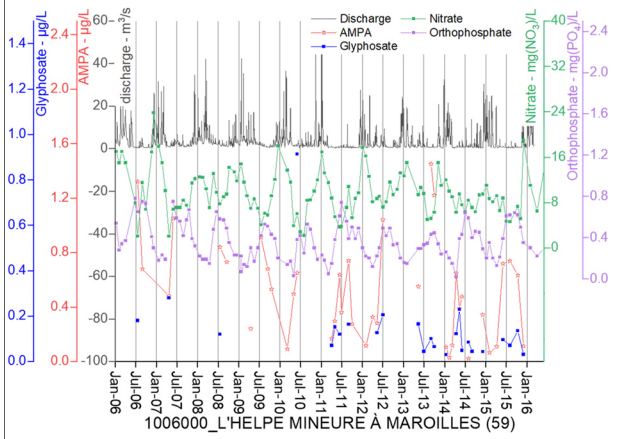
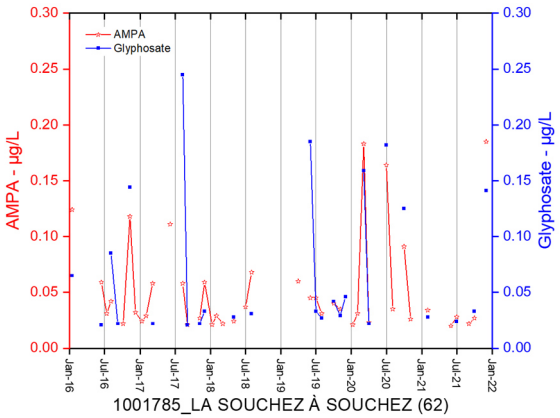
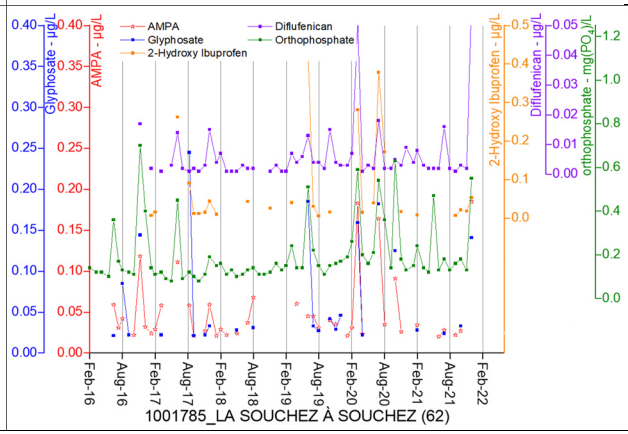
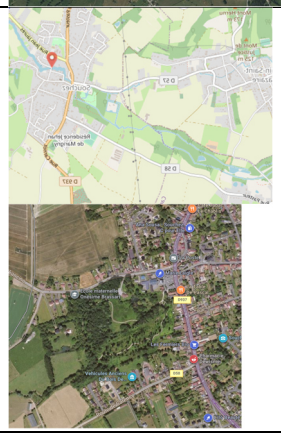
***Italy* (IT):** *data taken from ARPA Toscana, https://www.arpat.toscana.it/documentazione/catalogo-pubblicazioni- arpat/il-controllo-dei-depuratori-di-acque-reflue-urbane-nel-2020; map: https://sira.arpat.toscana.it/sira/opendata/preview.php?dataset=NIT_STATO*

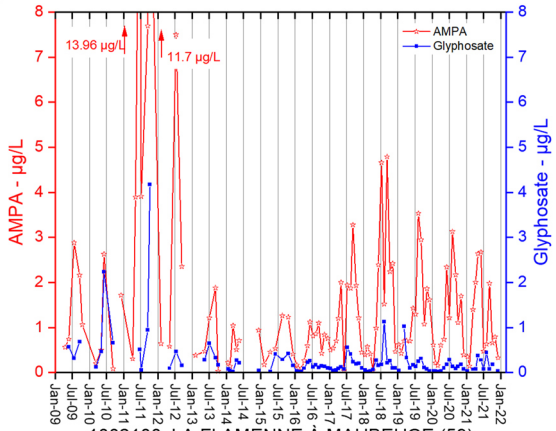
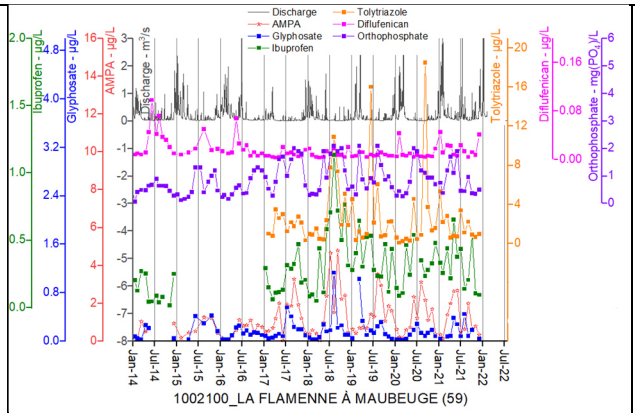
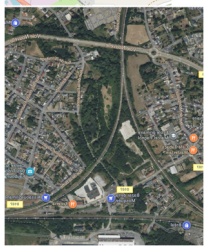
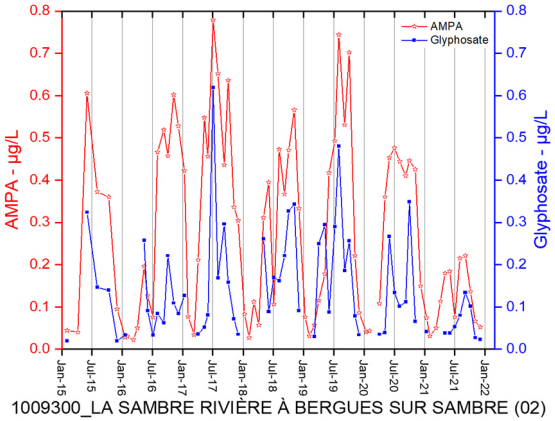
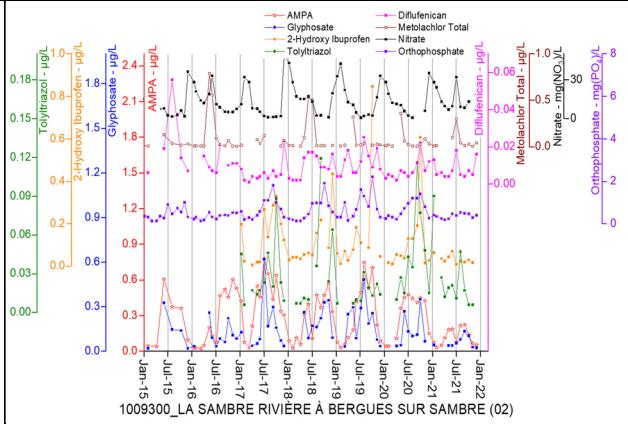
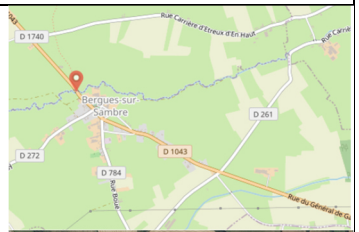
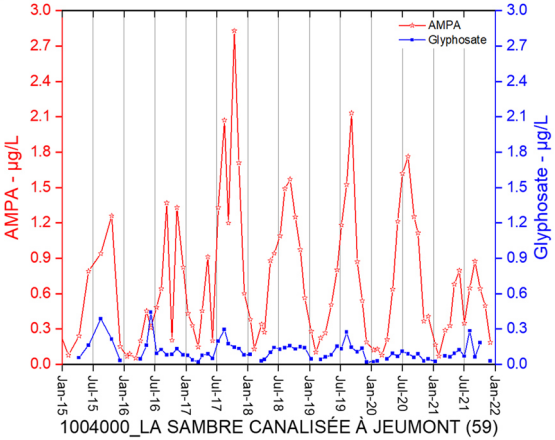
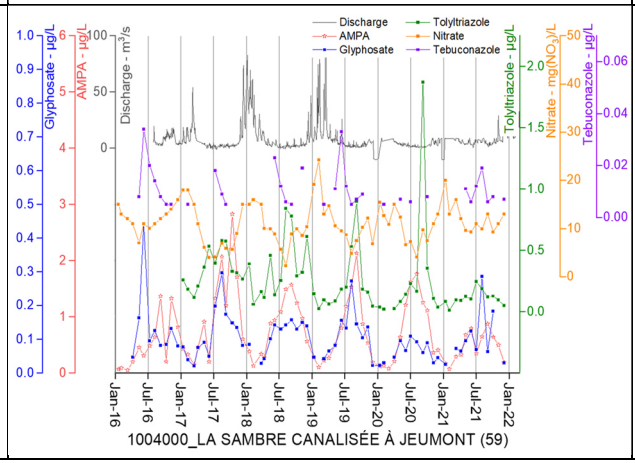
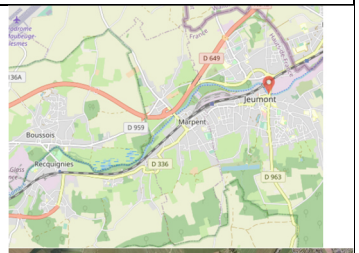
***United Kingdom* (UK):** *data downloaded from the website https://environment.data.gov.uk/water-quality/view/landing in 2023*

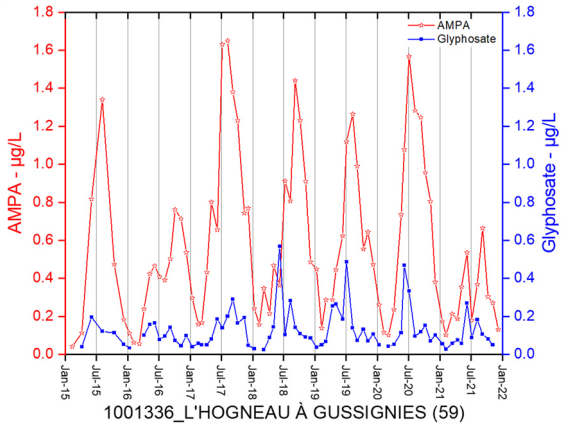
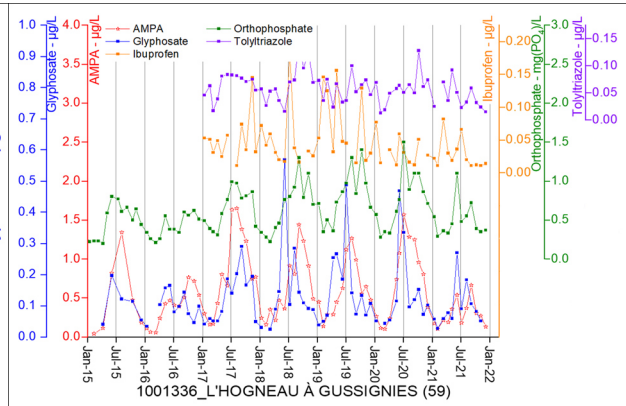
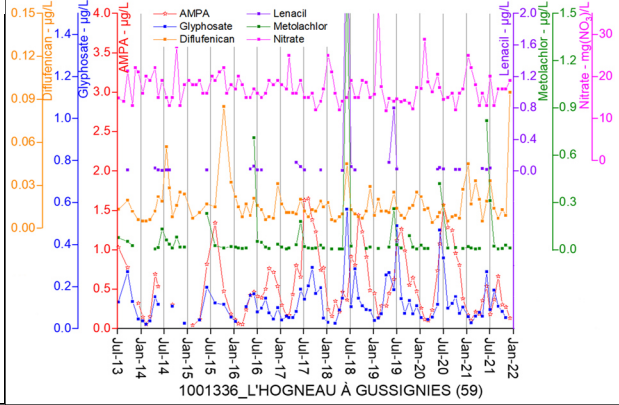
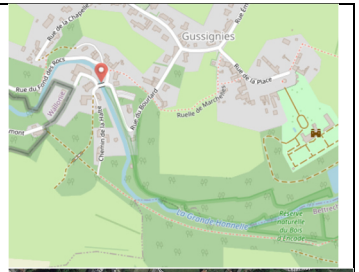
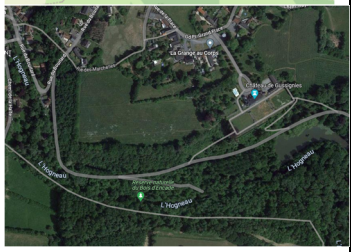
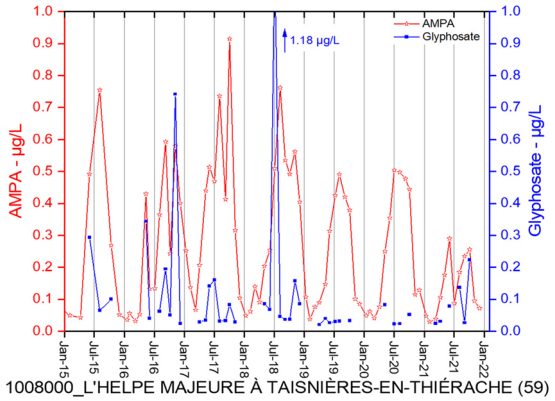
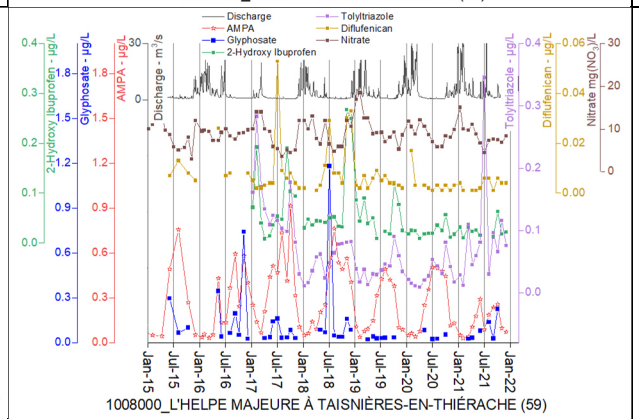
***Luxembourg* (LU):** *all data kindly provided by mail by the Ministère de l'Environnement, du Climat et du Développement durable, Administration de la gestion de l'eau; WWTP data taken from https://map.geoportail*

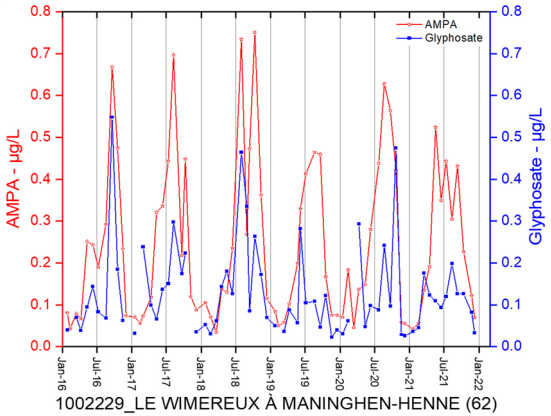
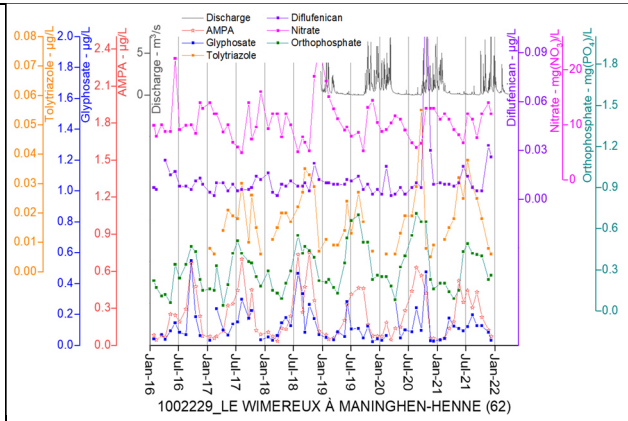
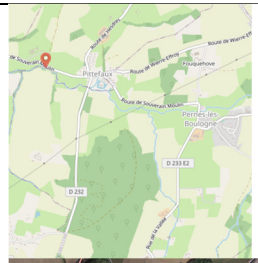
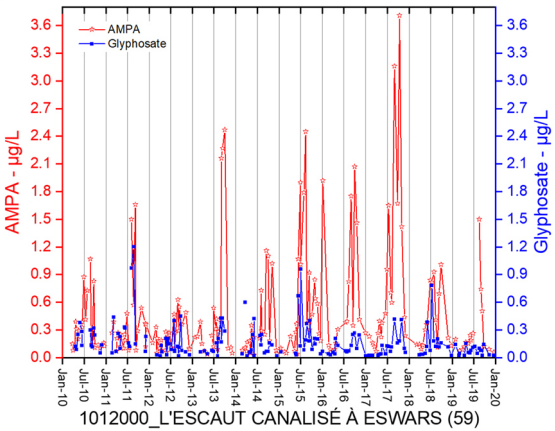
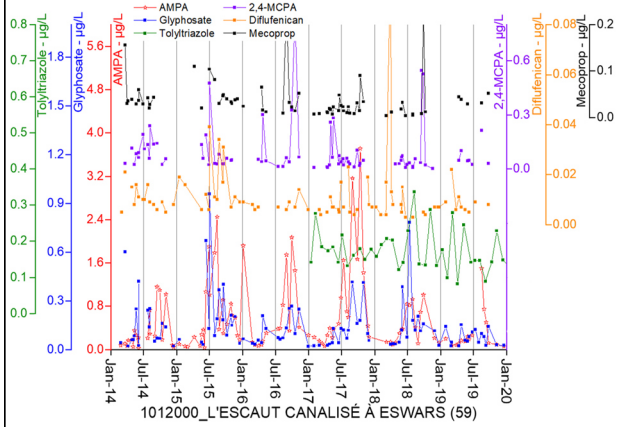
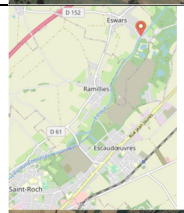
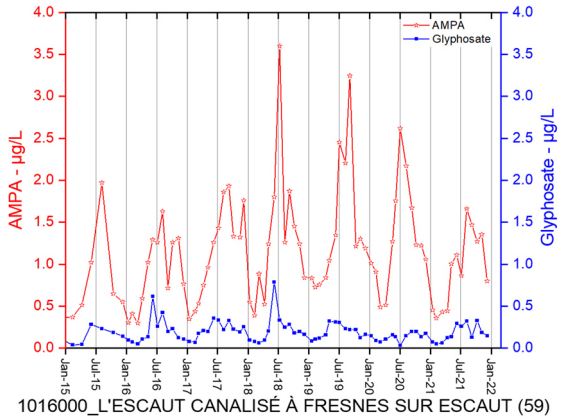
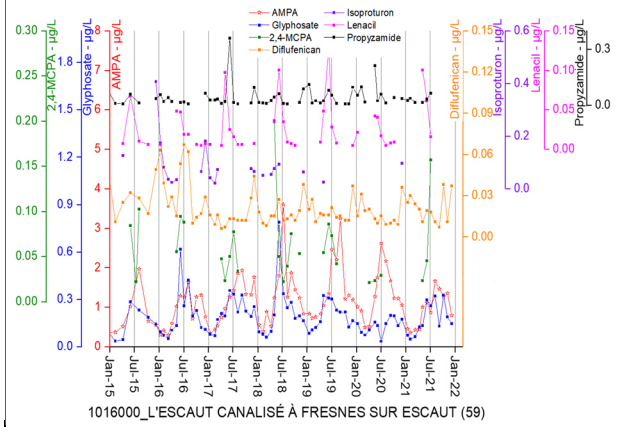
Site	Site name and description	Seasonal patterns for glyphosate and AMPA	Comparison to agricultural and wastewater-derived micropollutants, orthophosphate, nitrate and/or discharge	site location and aerial view
	France			
			

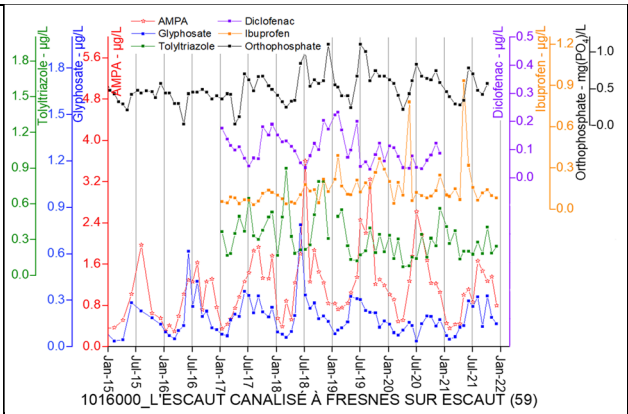
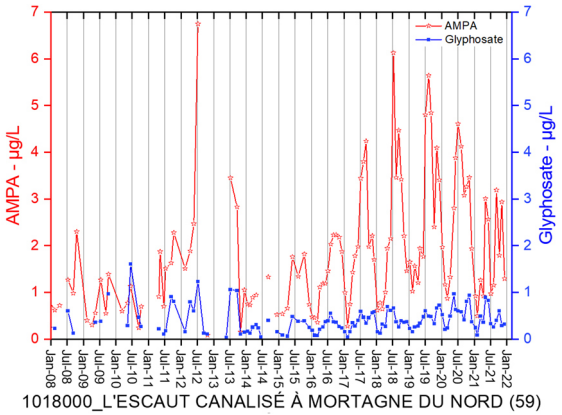
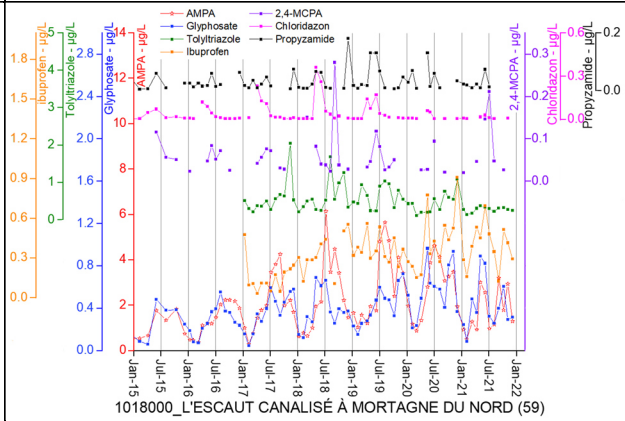
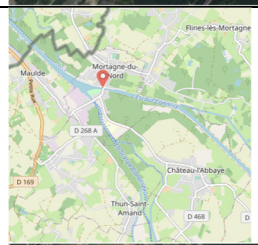
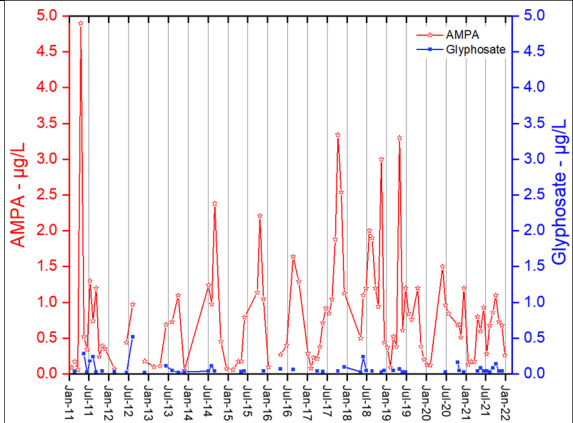
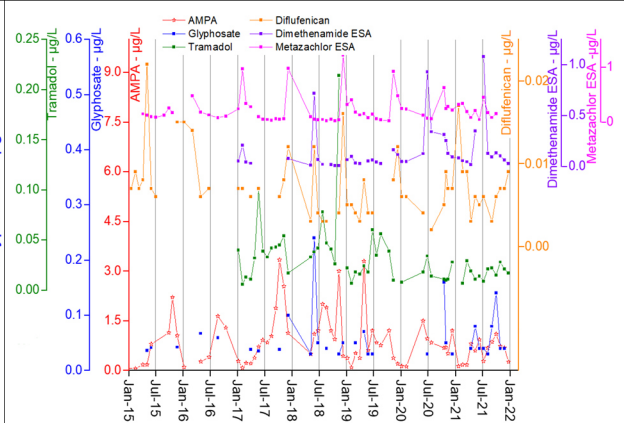
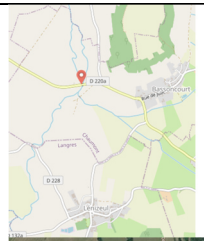
E1 FR (62)	**site:** 1000477_LA SLACK À RINXENT **catchment:** 38 km²; agricultural fields upstream, no larger city, several small separate farms **WWTP:** no WWTP, possibly wastewater impact from private sewers			
E2 FR (80)	**site:** 1000990_NIEVRE À BERTEAUCOURT LES DAMES **catchment:** 269 km² (Flixecourt); mixed urban-agricultural (fields), several villages **WWTP:** WWTP in a tributary upstream, 320 IE		 	

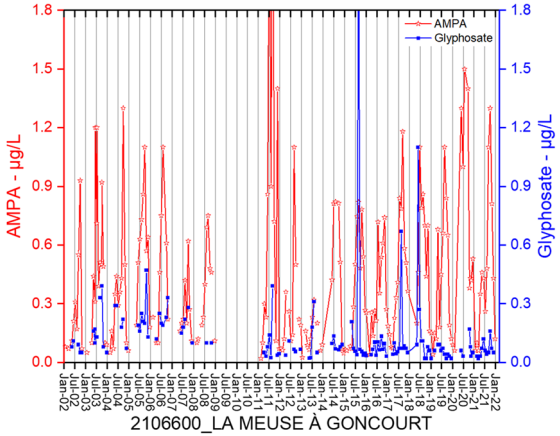
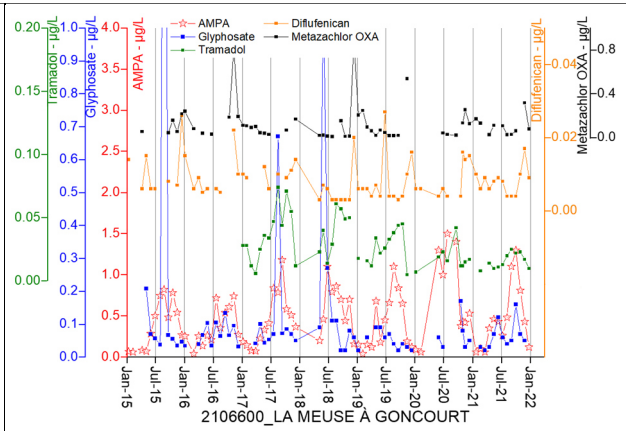
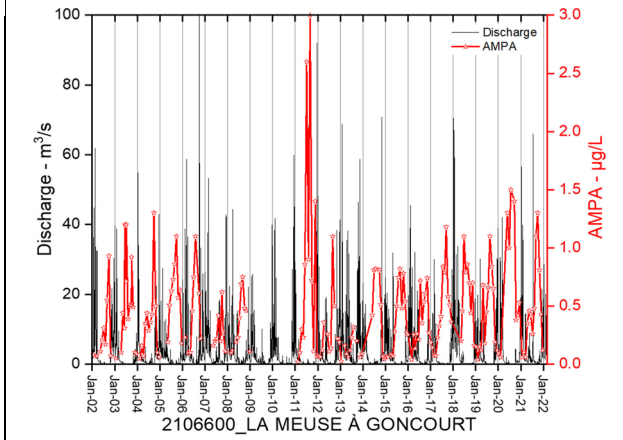
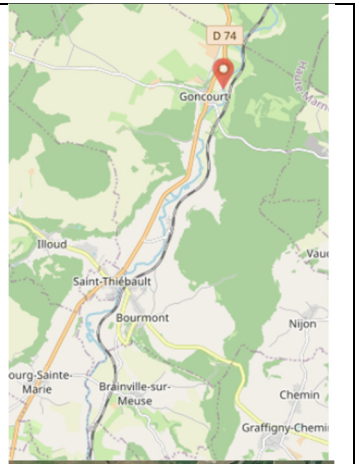
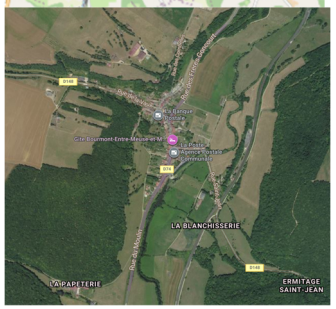
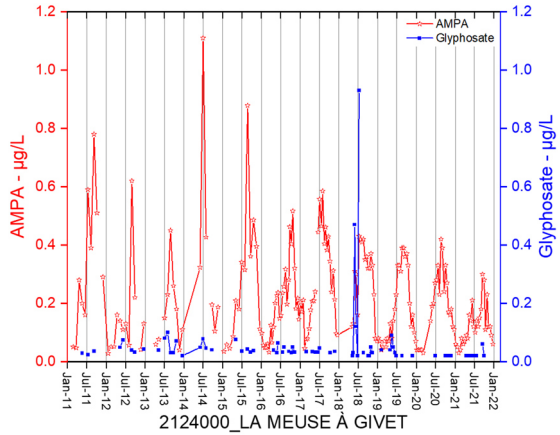
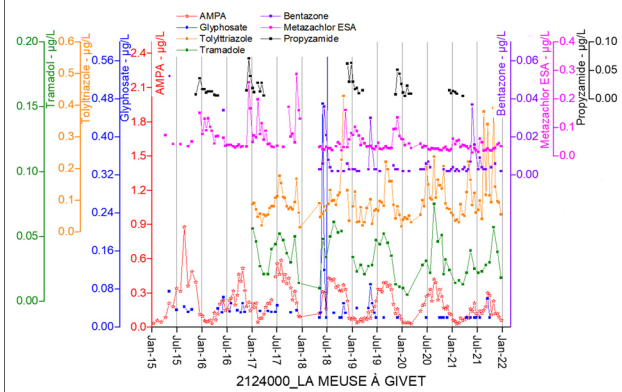
E3 FR (59)	**site:** 1001131_HELPE MINEURE À GRAND FAYT **catchment:** 263 km² (Maroilles); high agricultural use, grassland, fields; sparsely populated **WWTP:** dairy factory with WWTP, Station de GRAND-FAYT (56 IE), Station de CARTIGNIES (200 IE), Station de ETROEUNGT (650 IE), Station de FOURMIES (8,700 IE) **discharge data:** discharge data at Maroilles			
E4 FR (59)	**site:** 1006000_L'HELPE MINEURE À MAROILLES tributary to Sambre **catchment:** 263 km²; agriculture and smaller cities **WWTP:** Station de MAROILLES (750 IE) **discharge data:** D013 7020 01 - L'Helpe Mineure à Maroilles (before WWTP discharge point)			
E5 FR (62)	**site:** 1001785_LA SOUCHEZ À SOUCHEZ **catchment:** small, villages and agriculture (fields) **WWTP:** Station de VILLERS AUX BOIS (EGLISE) SE (233 IE)			

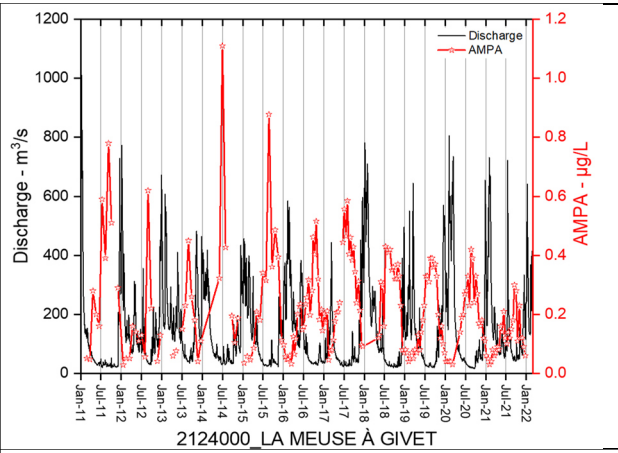
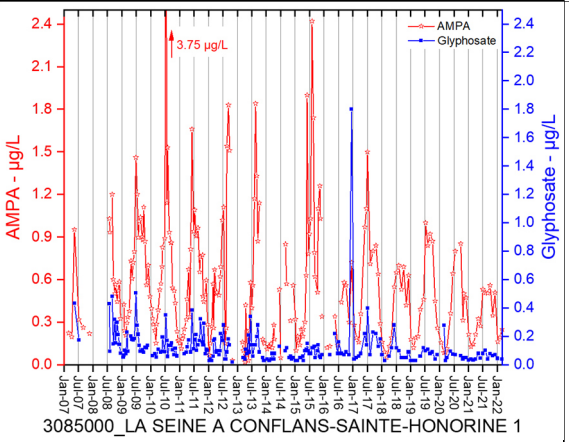
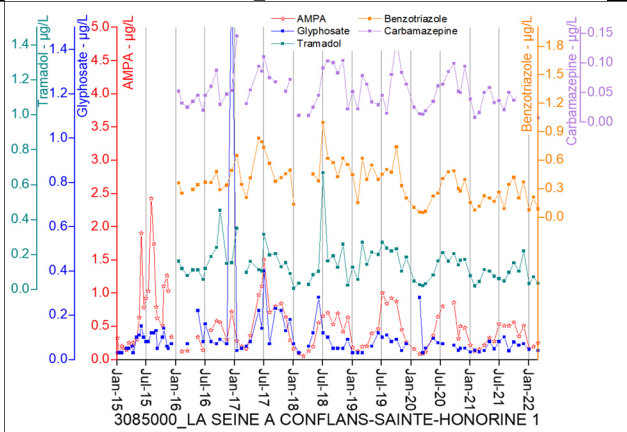
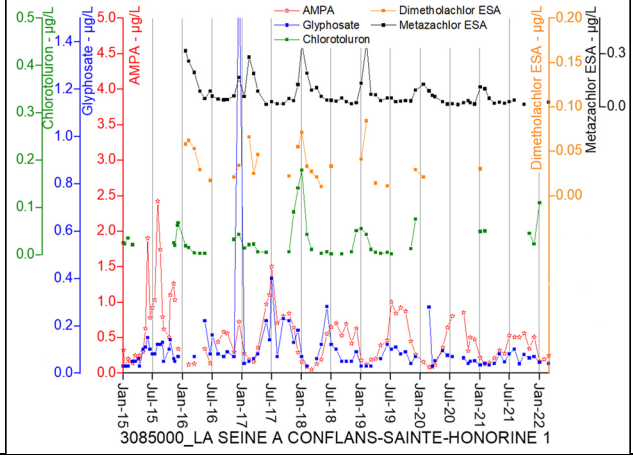
E6 FR (59)	**site:** 1002100_LA FLAMENNE À MAUBEUGE tributary to Sambre (site E11) **catchment:** 19 km²; small, mainly urban (Maubeuge (26,000 inh.) and Hautmont (14,000 inh.) **WWTP:** no WWTP **discharge data:** D019 7010 01 - La Flamenne à Maubeuge			 
E7 FR (02)	**site:** 1009300_LA SAMBRE RIVIÈRE À BERGUES SUR SAMBRE **catchment:** ca. 15 km²; agriculture (fields, grassland), small villages **WWTP:** presumably small private sewage systems			 
E8 FR (59)	**site:** 1004000_LA SAMBRE CANALISÉE À JEUMONT **catchment:** 1,170 km² (Marpent); mixed urban and agriculture **WWTP:** close to sampling point: Station de JEUMONT, (18,500 IE), Station de MAUBEUGE (96,000 IE) **discharge data:** D019 2230 01 - La Sambre canalisée à Marpent			 

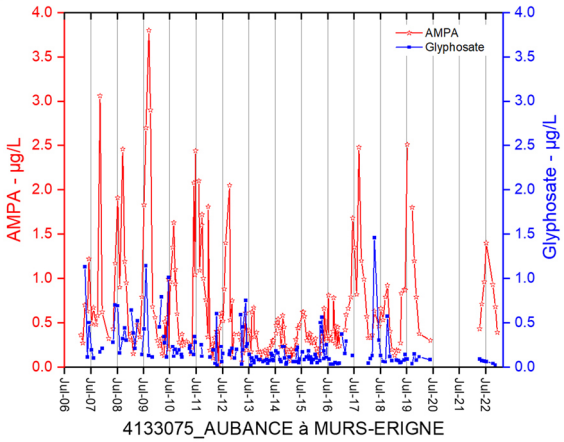
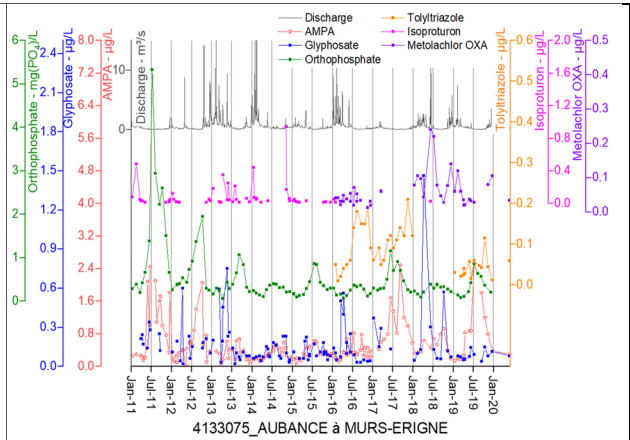
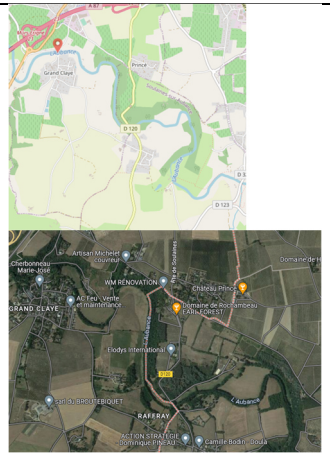
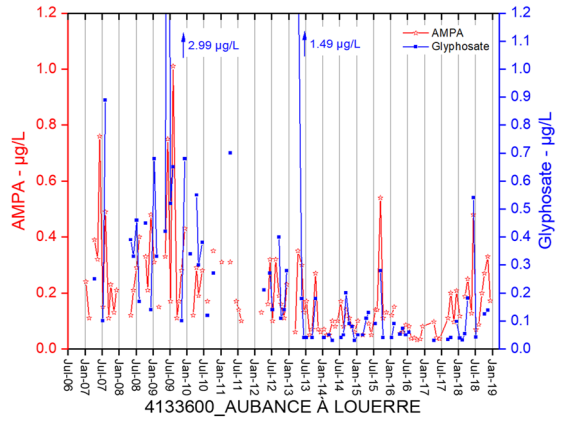
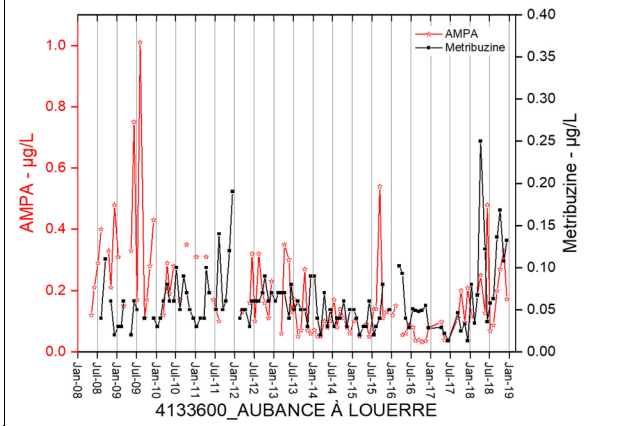
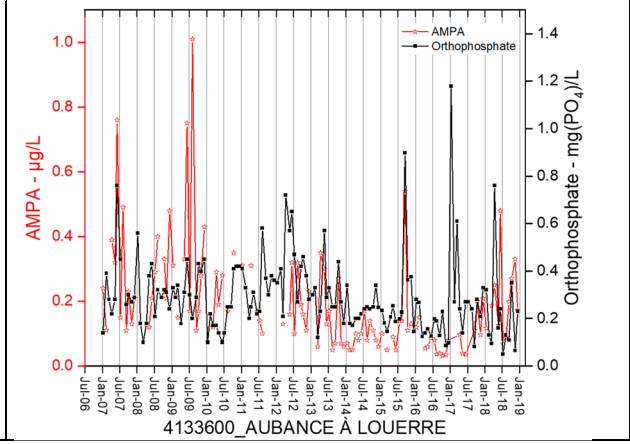
E9 FR (59)	**site:** 1001336_L'HOGNEAU À GUSSIGNIES **catchment:** 240 km² (Thivencelle); fields, forest, some villages **WWTP:** Station de BELLIGNIES (1,100 IE), Station de HON-HERGIES (540 IE), tributary Station de SAINT-WAAST (320 IE), Station de BAVAY (5,500 IE)		 	 
E10 FR (59)	**site:** 1008000_L'HELPE MAJEURE À TAISNIÈRES-EN-THIÉRACHE tributary of Sambre **catchment:** 320 km²; small villages, agriculture (fields, grassland) **WWTP:** Station de DOMPIERRE-SUR-HELPE (275 IE) **discharge data:** D015 6520 01 - L'Helpe Majeure à Taisnières-en-Thiérache			 

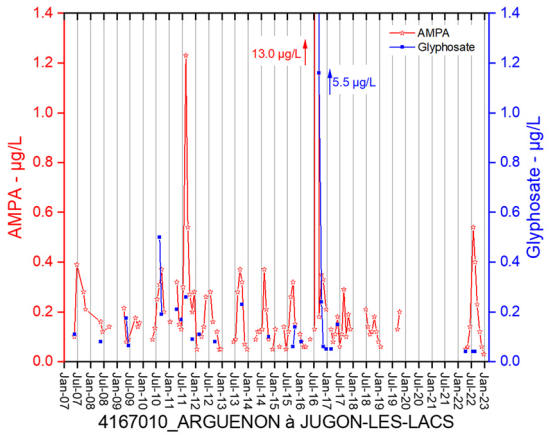
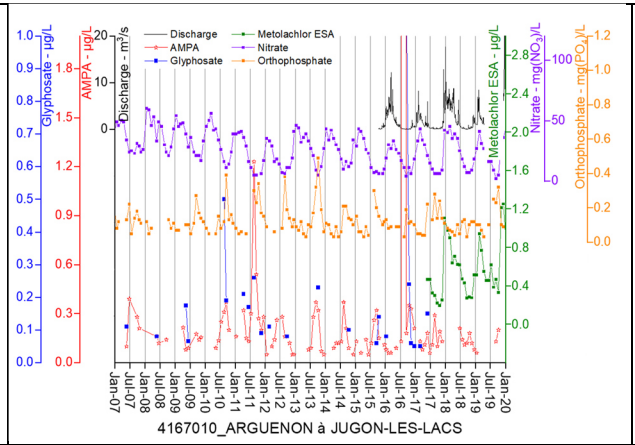
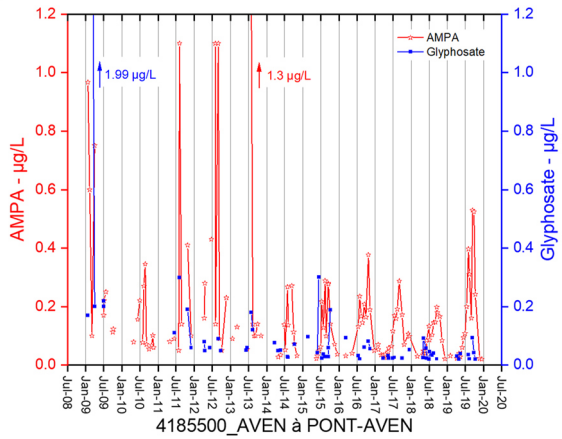
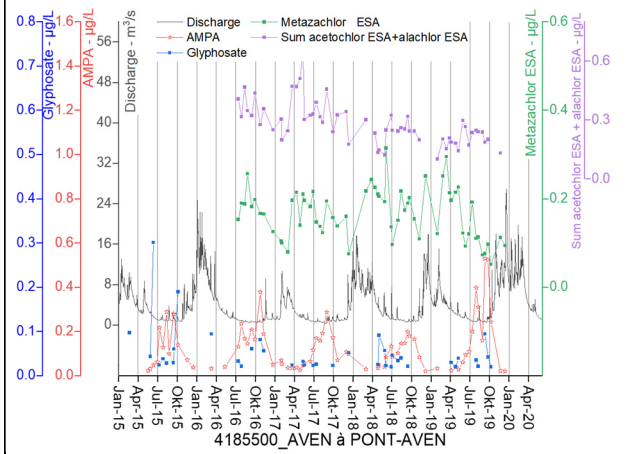
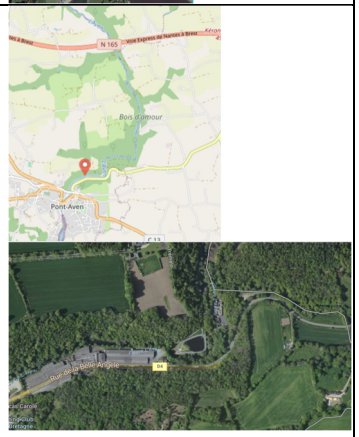
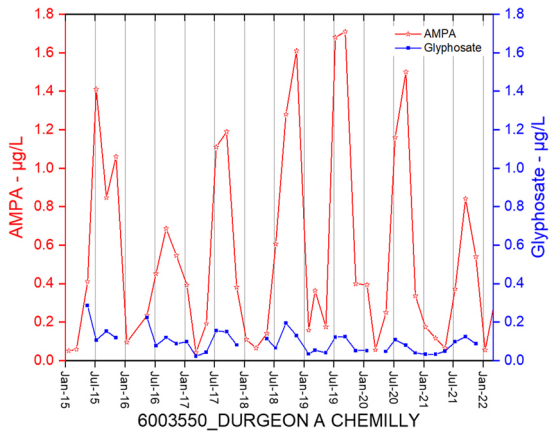
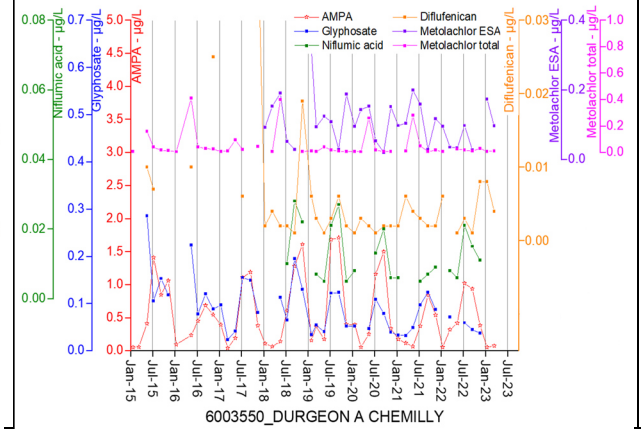
E11 FR (62)	**site:** 1002229_LE WIMEREUX À MANINGHEN-HENNE **catchment:** high agricultural use, only small villages **WWTP:** Station de PERNES-LES-BOULOGNE (175 IE), Station de CONTEVILLE-LES-BOULOGNE (165 IE) **discharge data:** E520 5712 02 - Le Wimereux à Pittefaux			 
E12 FR (59)	**site:** 1012000_L'ESCAUT CANALISÉ À ESWARS **catchment:** 539 km² (Iwuy); urban and agriculture (fields) several water gates, large sugar factory near sampling site **WWTP:** Station de CAMBRAI (100,000 IE)			 
E13 FR (59)	**site:** 1016000_L'ESCAUT CANALISÉ À FRESNES SUR ESCAUT downstream of site E12 **catchment:** strong urban input, agriculture further upstream **WWTP:** Station de BRUAY-SUR-L'ESCAUT (14,000 IE), Station de RAISMES-BEUVRAGES (40,000 IE)			

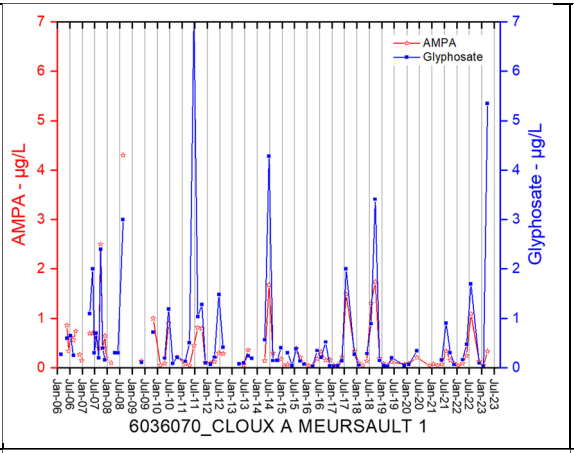
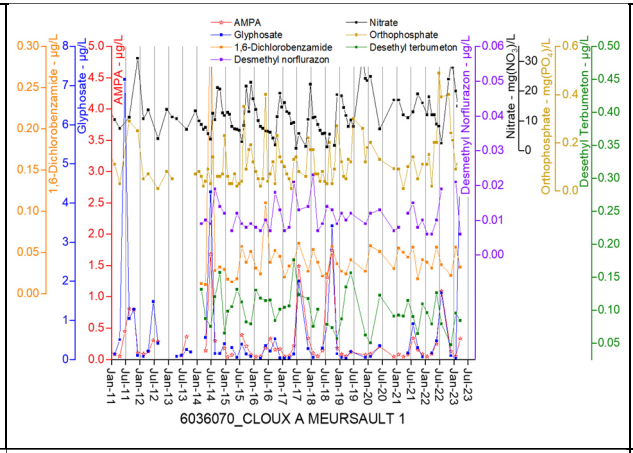
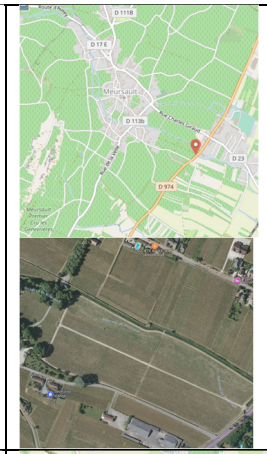
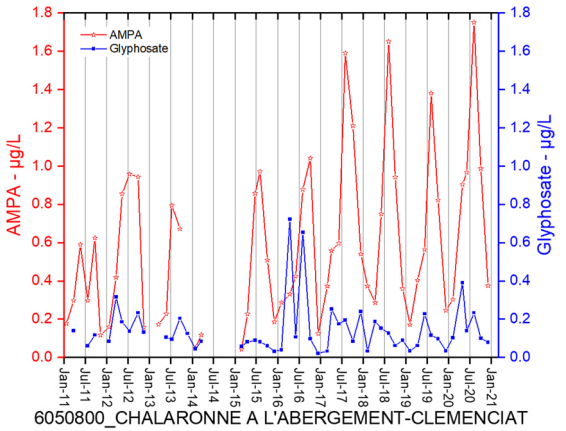
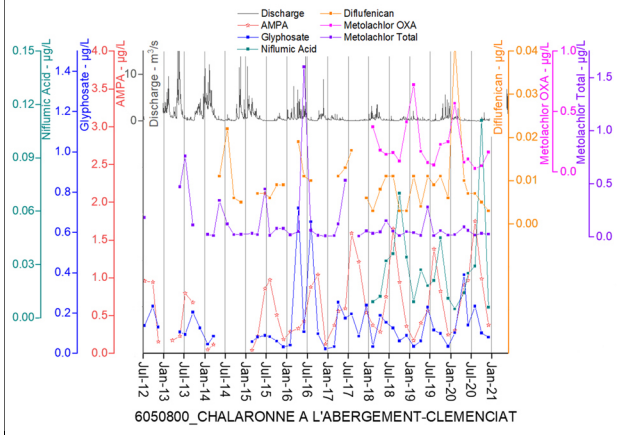
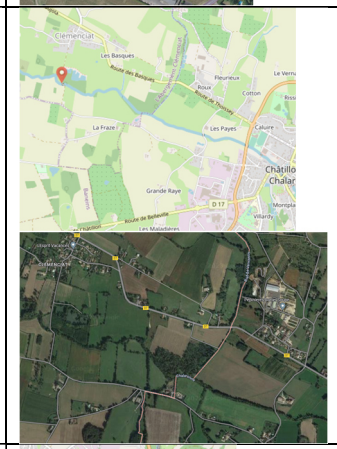
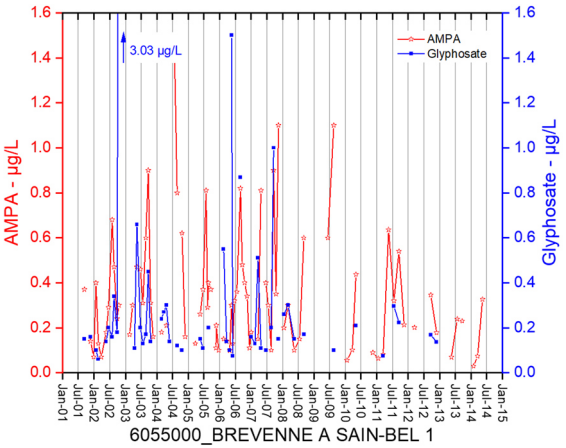
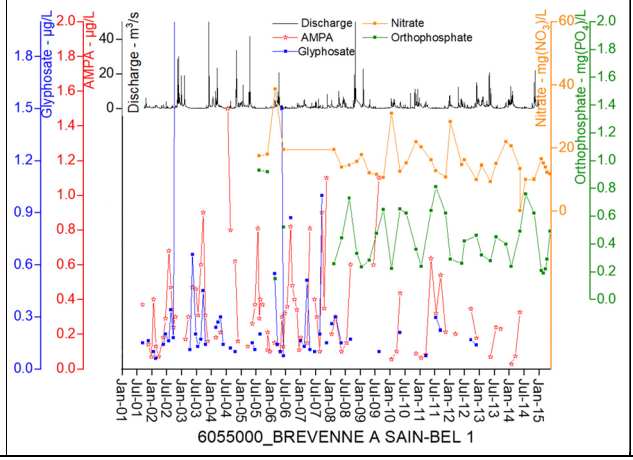
				
E14 FR (59)	**site:** 1018000_L'ESCAUT CANALISÉ À MORTAGNE DU NORD; downstream of site E13 **catchment:** 3,503 km²; mixed urban-agricultural **WWTP:** Station de HERGNIES-BRUILLE-SAINT-AMAND (3,300 IE), Station de FRESNES-SUR-ESCAUT (36,000 IE), Station de SAINT-AMAND-LES-EAUX-LECELLES (18,000 IE, tributary)			 
E15 FR (52)	**site:** 2106500_LA MEUSE À BASSONCOURT **catchment:** ca. 150 km²; agricultural (grassland, fields), only very small villages **WWTP:** Station de LENIZEUL (20 IE), further small sedimentation ponds and private sewers			 

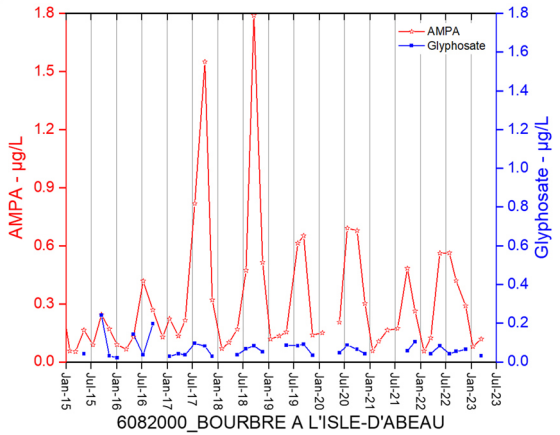
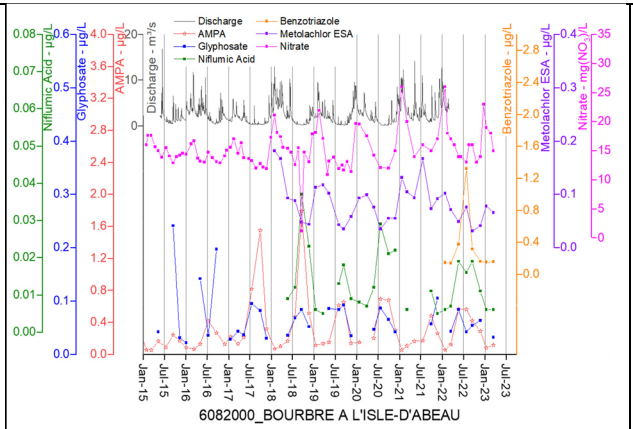
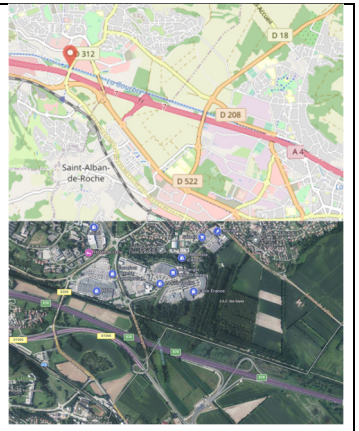
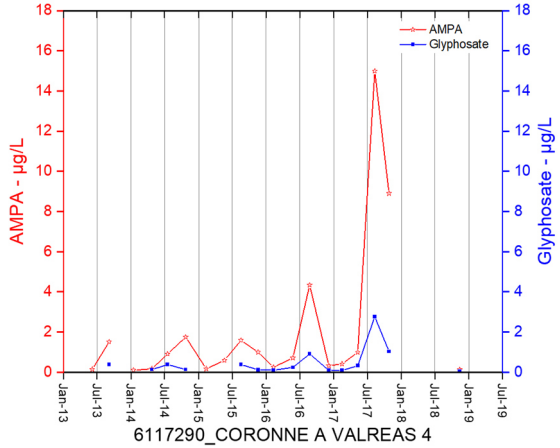
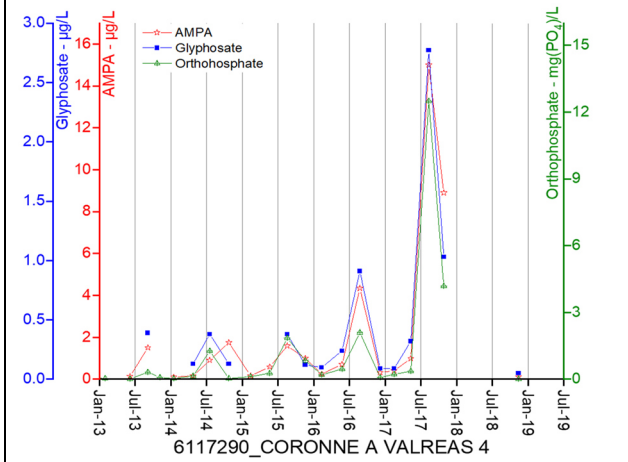
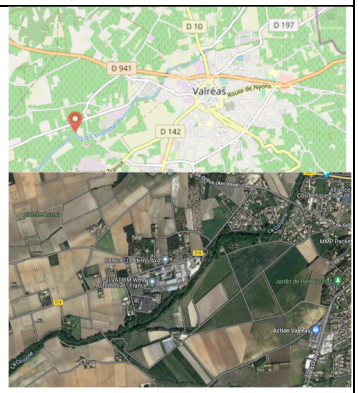
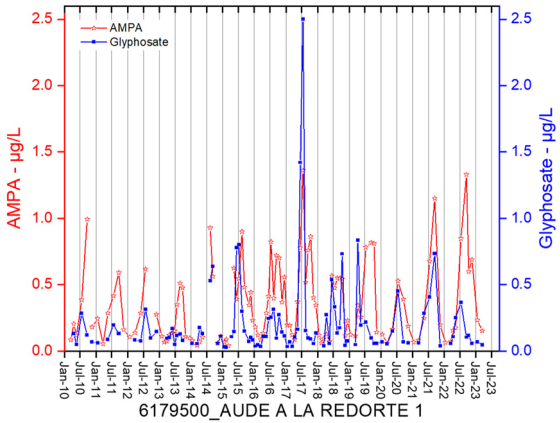
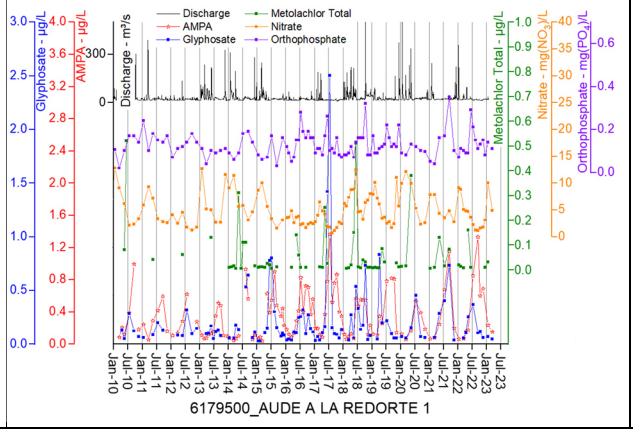
E16 FR (52)	**site:** 2106600_LA MEUSE À GONCOURT **catchment:** 364 km²; agricultural (grassland, fields), forest, only very small villages **WWTP:** WWTP of a cheese factory in tributary, Station de BOURMONT-ENTRE-MEUSE-ET-MOUZON (41 IE), Station de BOURG-SAINTE-MARIE (90 IE) **discharge data:** B022 0010 01 - La Meuse à Goncourt		 	 
E17 FR (08)	**site:** 2124000_LA MEUSE À GIVET **catchment:** 10,141 km² (Chooz); mixed urban and agriculture **WWTP:** Station de GIVET (12,000 IE) very close to sampling site **discharge data:** B720 0000 01 - La Meuse à Chooz - Trou du Diable			

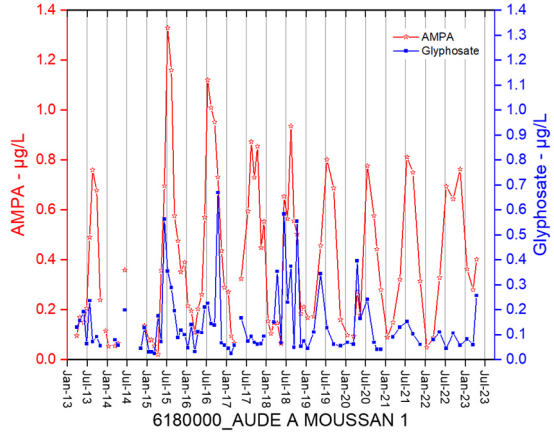
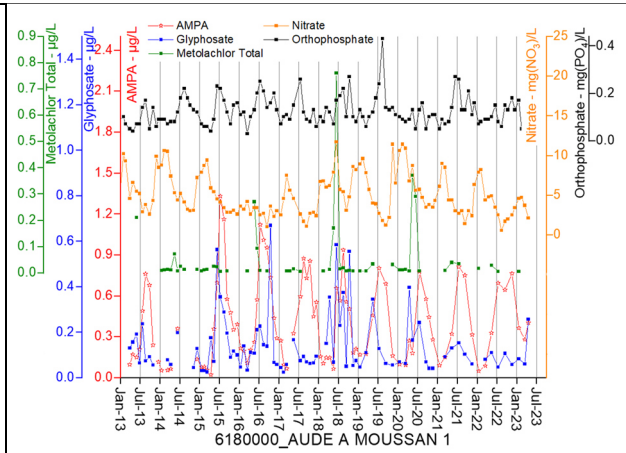
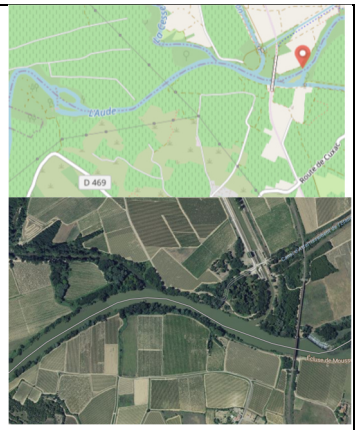
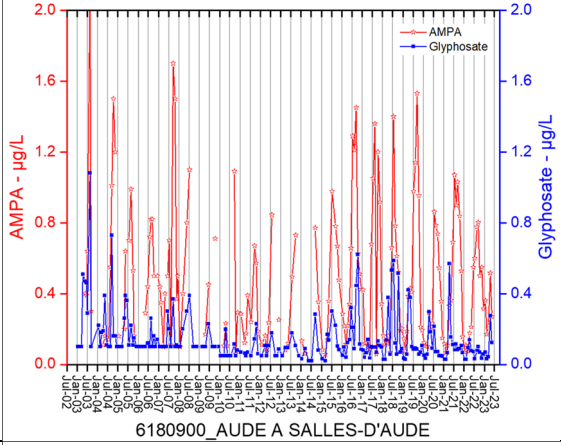
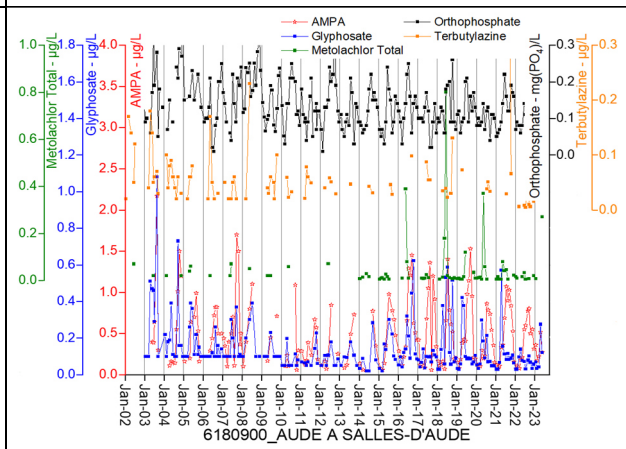
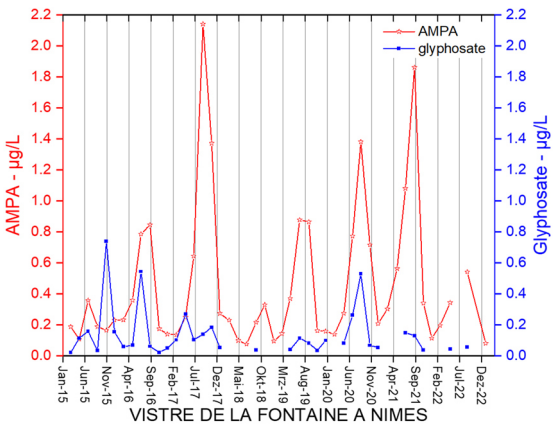
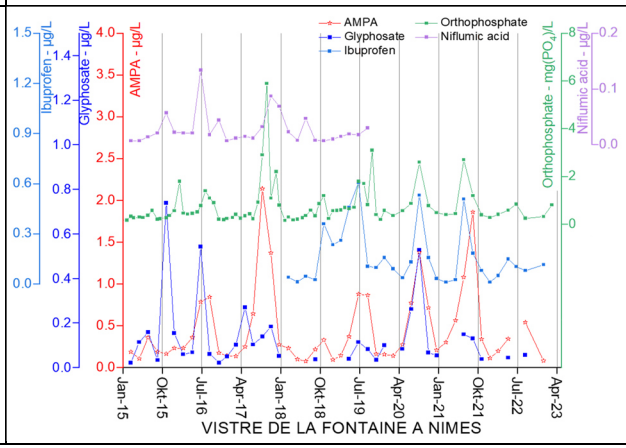
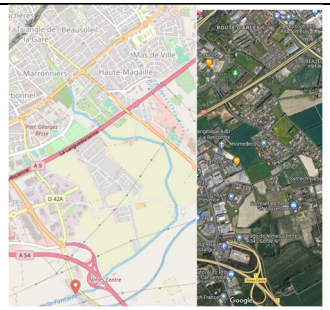
				
E18 FR (78)	**site:** 3085000_LA SEINE A CONFLANS-SAINTE-HONORINE 1 **catchment:** 44,669 km²; large urban agglomeration within catchment (Paris); agriculture, winegrowing (Champagne), **WWTP:** Station de PARIS SEINE AVAL (5.4 Mio IE short before sampling point (see map)), WWTP d'Achères without further information		 	

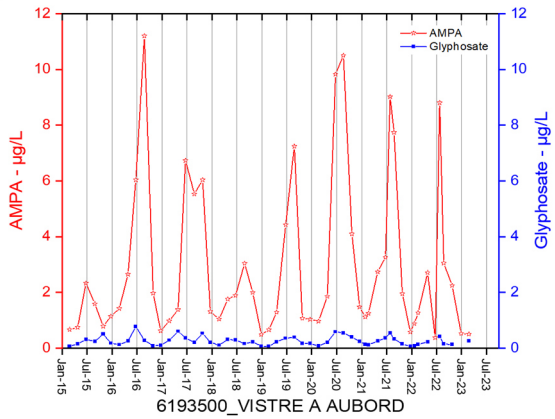
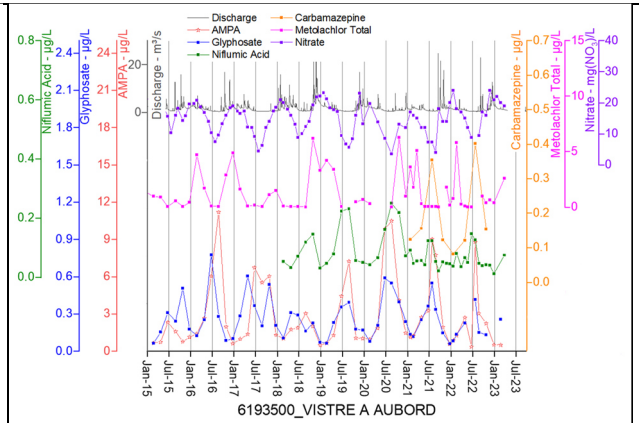
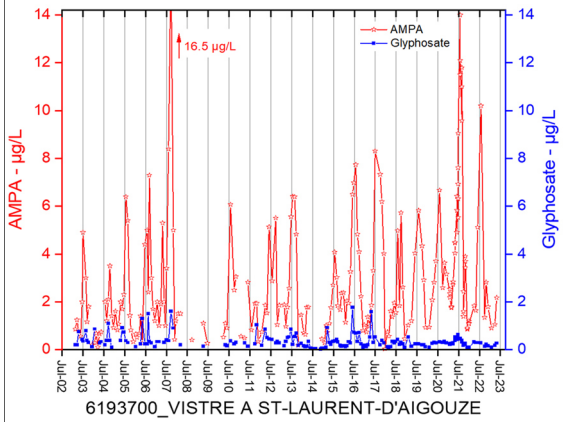
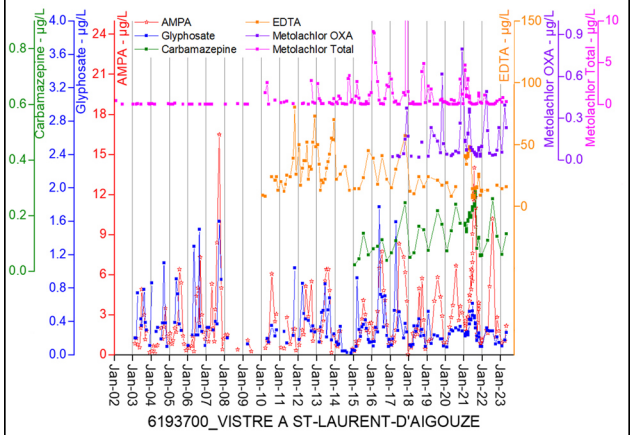
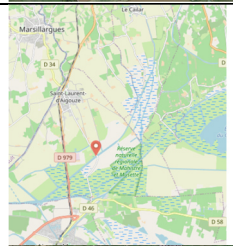
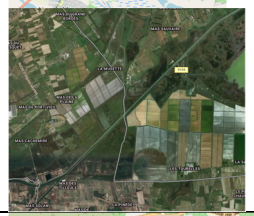
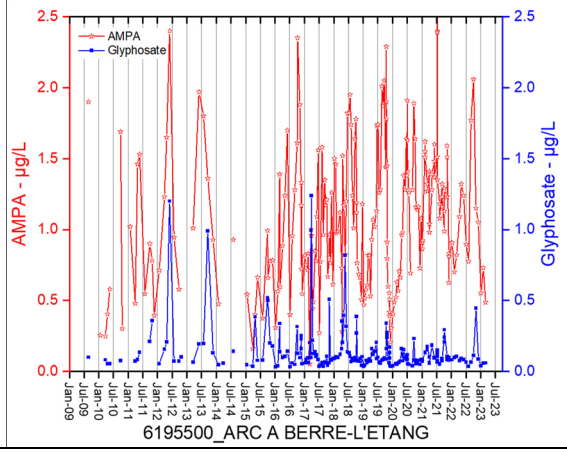
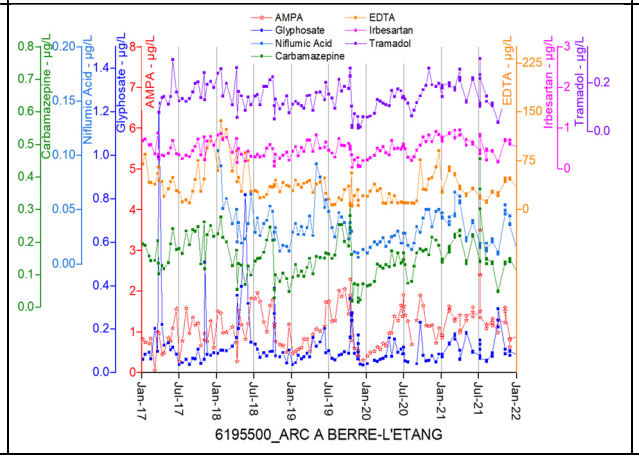
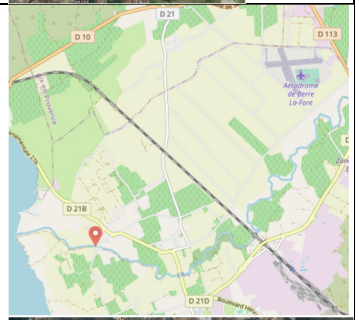
E19 FR (49)	**site:** 4133075_AUBANCE à MURS-ERIGNE **catchment:** 172 km² (Soulaines-sur-Aubance); agriculture (vineyards, grassland, fields), villages **WWTP:** Station de SOULAINES BALUERE (61 IE), Station de ST MELAINE - LE PONT AUX MOINES (1,400 IE), Station de BRISSAC (3,100 IE) **discharge data:** M501 4210 20 - L'Aubance à Soulaines-sur-Aubance - Charuau			
E20 FR (49)	**site:** 4133600_AUBANCE À LOUERRE **catchment:** few km²; source of the Aubance in the center of the village Louerre (400 inh.), wastewater treatment ca. 300 m after the source, sampling site ca, 650 m after the source. 3 larger fields between streets and river: 0.08 km² **WWTP:** Station de LOUERRE (160 IE)	  	 

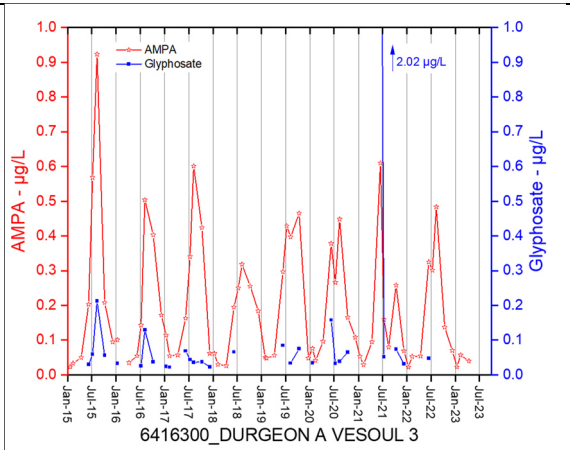
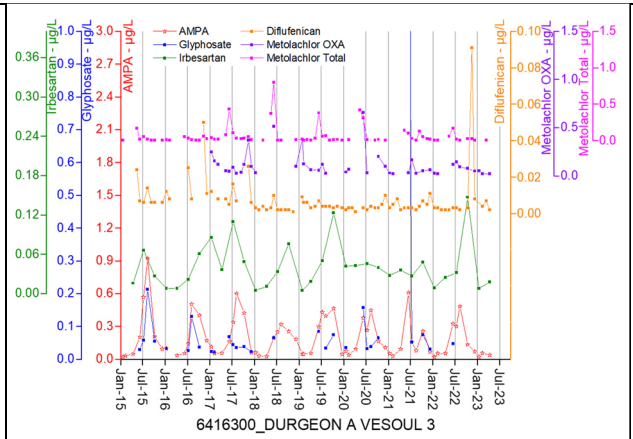
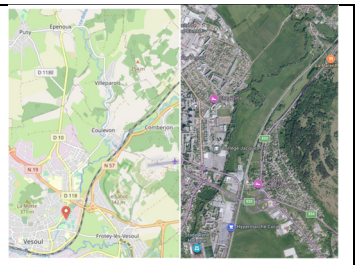
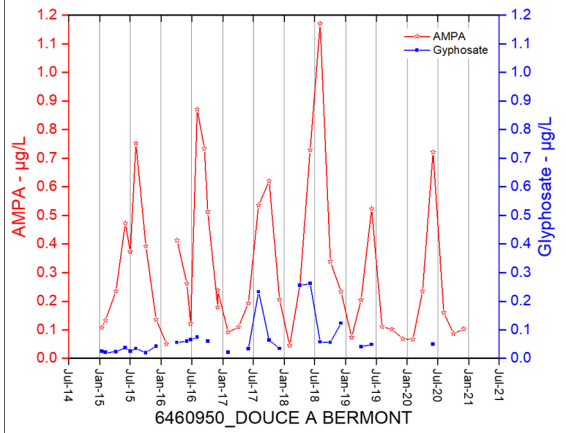
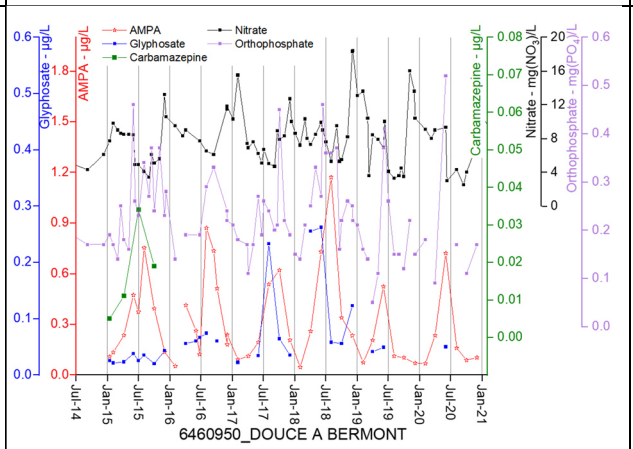
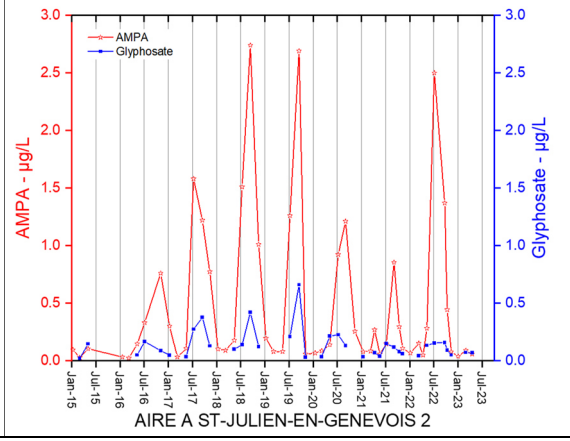
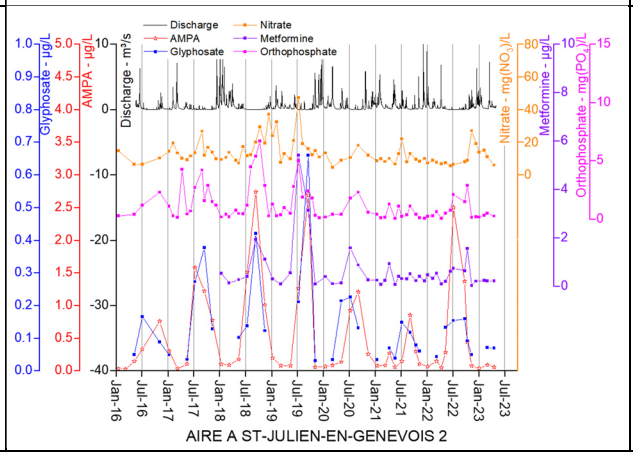
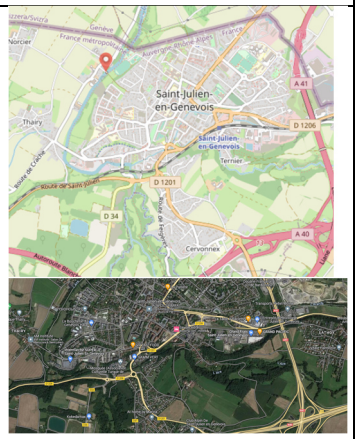
E21 FR (22)	**site:** 4167010_ARGUENON à JUGON-LES-LACS **catchment:** 318 km²; smaller villages, large fields **WWTP:** Station de JUGON-LES-LACS LE BOUT DE LA VILLE (5,100 IE) very close to sampling site, Station de PLENEE-JUGON BOURG (930 IE) **discharge data:** J112 3020 01 - L'Arguenon à Jugon-les-Lacs - Amont retenue Ville-Hatte			
E22 FR (29)	**site:** 4185500_AVEN à PONT-AVEN **catchment:** 16 km² (Pont-Aven); agricultural (forest, fields) with two cities (Bannalec, Rosporden) **WWTP:** Station de STEU DE: ROSPORDEN – BODUON (27,500 IE), Station de STEU DE: BANNALEC - MOULIN QUINQUIS (31,000 IE, tributary) **discharge data:** L'Aven à Pont-Aven			
E23 FR (79)	**site:** 6003550_DURGEON A CHEMILLY **catchment:** 410 km²; (Pontcey); grassland and fields, only small villages downstream of Vesoul (15 000 inh.) **WWTP:** Station de PONTCEY (1,200 IE), Station de VESOUL NOUVELLE (45,000 IE)			

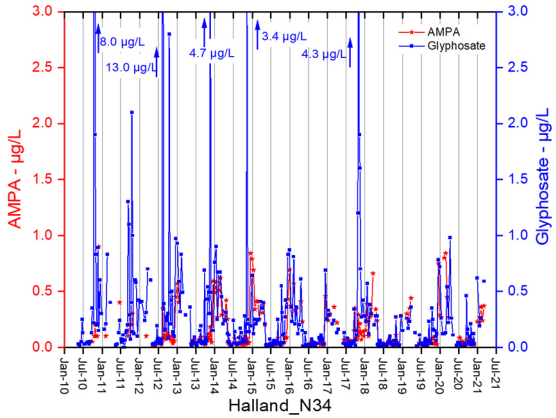
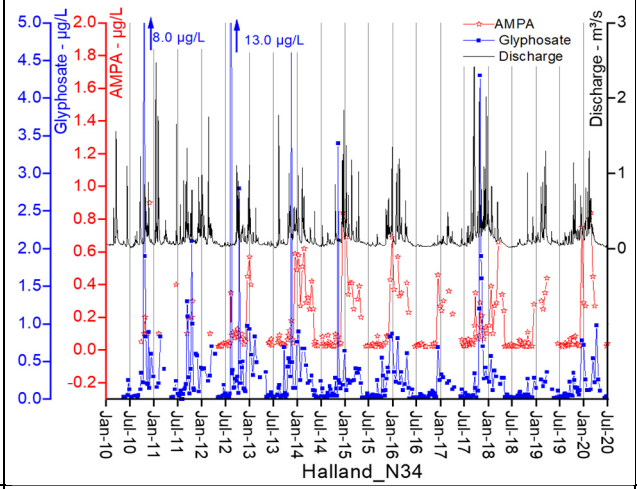
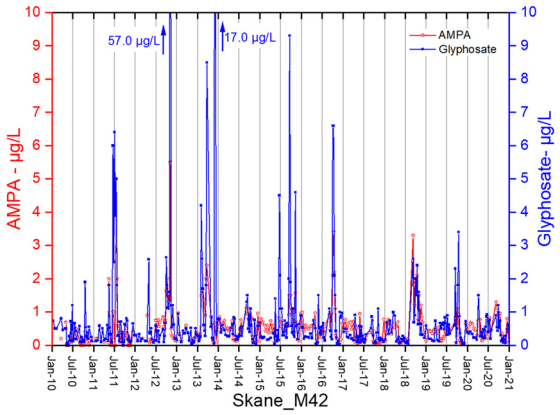
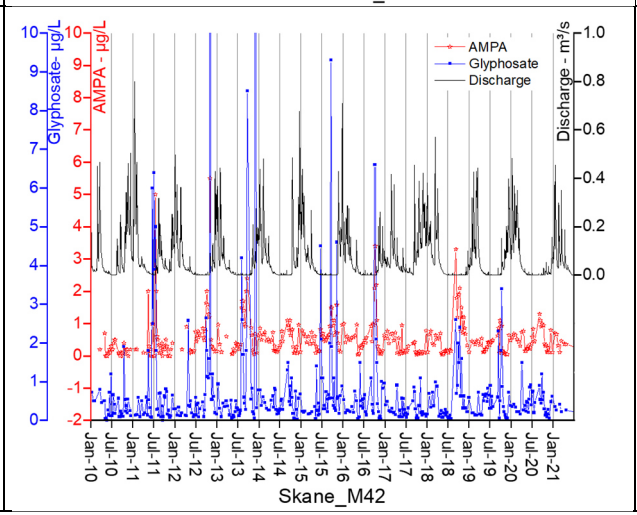
E24 FR (21)	**site:** 6036070_CLOUX A MEURSAULT 1 **catchment:** vineyards a few villages upstream **WWTP:** Station de SAINT-ROMAIN 21 (75 IE)			
E25 FR (01)	**site:** 6050800_ CHALARONNE A L'ABERGEMENT-CLEMENCIAT **catchment:** 175 km² (Châtillon-sur-Chalaronne); agricultural fields and small city, villages **WWTP:** Station de CHATIL-LON-SUR-CHALARONNE - CHEF-LIEU (4,500 IE) close to sampling site **discharge data:** Châtillon-sur-Chalaronne			
E26 FR (69)	**site:** 6055000_BREVENNE A SAIN-BEL 1 **catchment:** 219 km²; mixed urban and agriculture (grassland, a few vineyards, fields, train tracks near river **WWTP:** Station de SOURCIEUX-LES-MINES (1,900 IE, tributary), further smaller WWTP <2,200 IE **discharge data:** U463 5010 01 - La Brévenne à Sain-Bel			

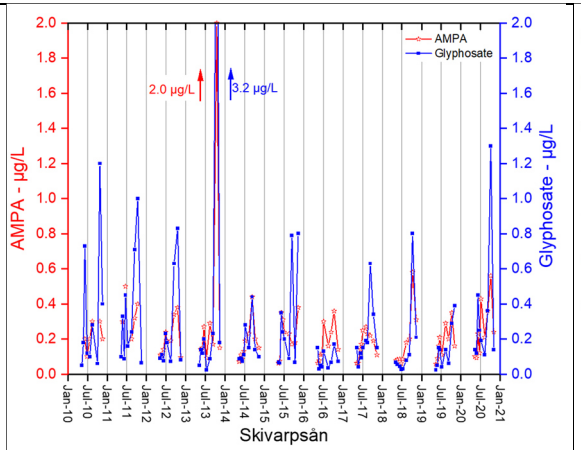
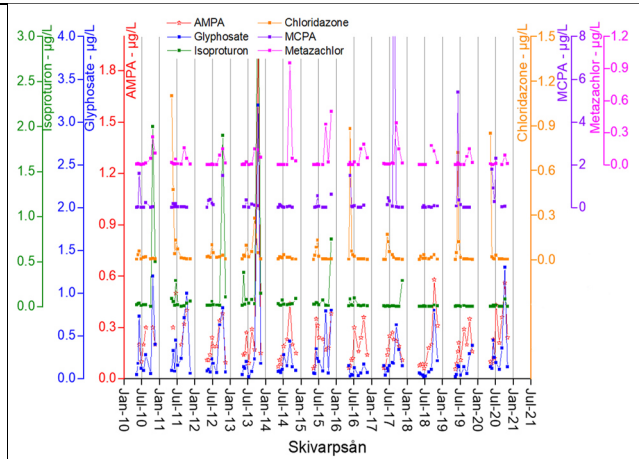
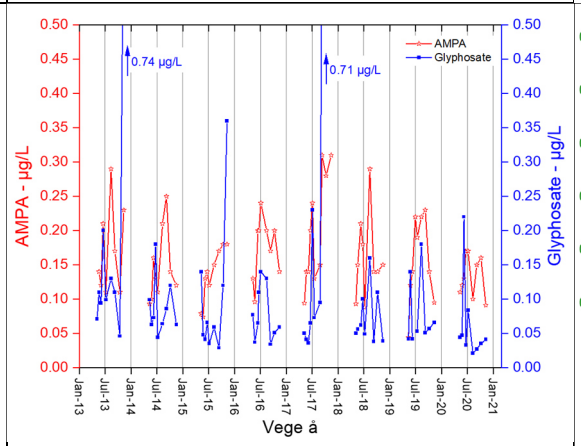
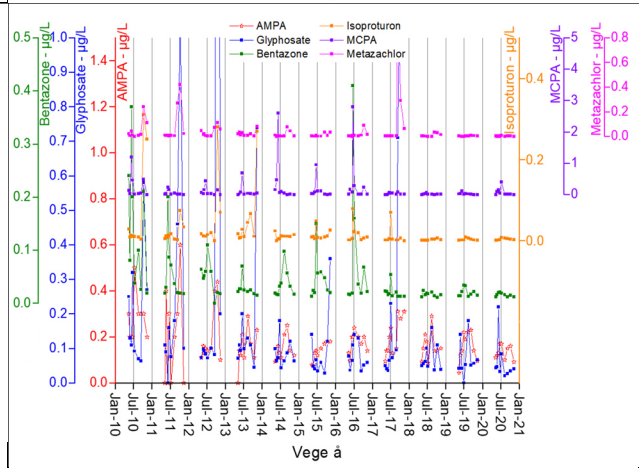
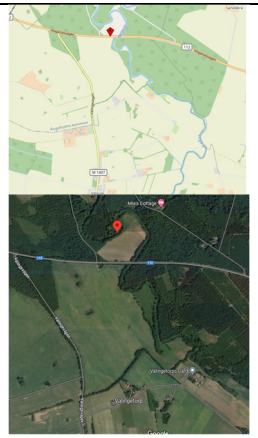
E27 FR (38)	**site:** 6082000_BOURBRE A L'ISLE-D'ABEAU **catchment:** 304 km² (Bourgoin-Jallieu); mixed urban and agriculture (fields, grassland) **WWTP:** Station de BOURGOIN-JALLIEU 2 (84,800 IE) close to sampling site **discharge data:** V173 4010 01 - La Bourbre à Bourgoin-Jallieu			
E28 FR (84)	**site:** 6117290_CORONNE A VALREAS 4 **catchment:** mixed urban and agricultural (large fields) **WWTP:** Station de VALRÉAS CHEF-LIEU (15,200 IE) with tributary close to sampling point			
E29 FR (11)	**site:** 6179500_AUDE A LA REDORTE 1 **catchment:** 3,267 km² (Puichéric); vineyards, small villages, city of Carcassonne **WWTP:** Station de ROQUECOURBE (150 IE), Station de CASTELNAU D'AUDE (350 IE) **discharge data:** Y142 2010 01 - L'Aude à Puichéric			

E30 FR (11)	**site:** 6180000_AUDE A MOUSSAN 1 downstream of site E29 **catchment:** 4,838 km²; agriculture (vineyards), some villages, city of Carcassonne **WWTP:** Station de MOUSSAN (1,200 IE) close to sampling point, Station de VAL DE CESSE (11,500 IE, tributary)			
E31 FR (11)	**site:** 6180900_AUDE A SALLES-D'AUDE downstream of site E30 **catchment:** 4,900 km² (Coursan); agriculture (vineyards), some villages, city of Carcassonne **WWTP:** Station de FLEURY-SALLES (7,600 IE), Station de COURSAN (4,600 IE)			
E32 FR (30)	**site:** 6193250_VISTRE DE LA FONTAINE A NIMES **catchment:** 41 km²; fully urban; spring in Nîmes, partially in canal from Roman times (used as old sewer system); few fields after leaving the city **WWTP:** no WWTP, but some houses connected to old sewer			

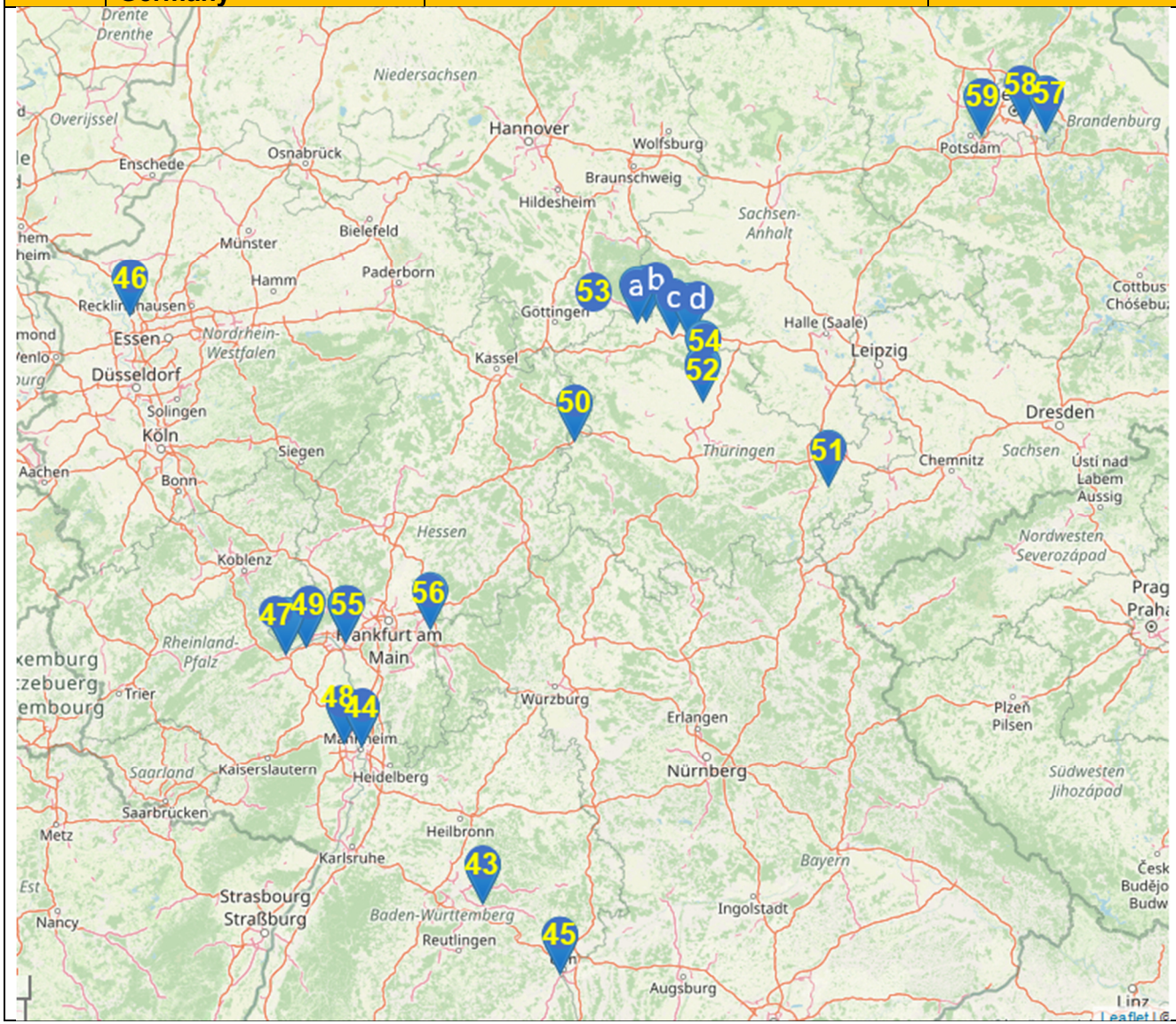
E33 FR (30)	**site:** 6193500_VISTRE À AUBORD **catchment:** 291 km² (Bernis); mixed agriculture (fields) and city of Nîmes **WWTP:** STEU de la commune de NIMES (220,000 IE), STEU de la commune de MARGUE-RITTES (11 000 IE) **discharge data:** Y351 4020 01 - Le Vieux Vistre à Bernis			 
E34 FR (30)	**site:** 6193700_VISTRE A ST-LAURENT-D'AIGOUZE downstream of site E31 **catchment:** 490 km² (Cailar); mixed urban (Nîmes, 150,000 inh.; Vauvert, 12,000 inh.) and agriculture (grassland, fields, vineyards), swampland **WWTP:** Station de LE CAILAR (6,300 IE), Station de VAUVERT (28,400 IE), Station de CODOGNAN, (9,700 IE, tributary)			 
35 FR (13)	**site:** 6195500_ARC A BERRE-L'ETANG **catchment:** 692 km²; agriculture with various crops incl. olives, large industrial site, large city (Aix en Provence) **WWTP:** Station de LA FARE LES OLIVIERS (7 800 IE), Station de COUDOUX-VENTABREN-VELAUX (17,500 IE). Station de AIX-OUEST (23,000 IE), Station de AIX EN PROVENCE LA PIOLINE (140,000 IE)			 

E36 FR (70)	**site:** 6416300_DURGEON A VESOUL 3 **catchment:** ca. 200 km²; agricultural (grassland, some fields, forests), small villages **WWTP:** several smaller WWTP (<300 IE)			
E37 FR (90)	**site:** 6460950_DOUCE A BERMONT **catchment:** urban (e.g. Belfort (45,000) inh.), fields, forest, grassland **WWTP:** Station de BAVILLIERS (8,700 IE)			
E38 FR (74)	**site:** 6999125_AIRE A ST-JULIEN-EN-GENEVOIS 2 **catchment:** 40 km²; agriculture, urban (St. Julien-en-Genevois and smaller villages) **WWTP:** Station de NEYDENS (16,500 IE) **discharge data:** V024 5610 01 - L'Aire à Saint-Julien-en-Genevois [Thairy] low discharge and strong WWTP influence			

	Sweden			
E39 SE	**site:** N34, field site in Halland **catchment:** 14 km² with 85% farmland from Swedish monitoring program[1] **WWTP:** no WWTP, 19 people/km² connected to private sewers (https://jordbruksvatten.slu.se/pesticider_start.cfm, 14/10/2023)			
E40 SE	**site:** M42 fields in Skåne **catchment:** 8 km² with 92% farmland from Swedish monitoring program[1] **WWTP:** no WWTP; 10 people/km² connected to private sewers (https://jordbruksvatten.slu.se/pesticider_start.cfm, 14/10/2023)			

E41 SE	**site:** Skivarpsån **catchment:** rural area, Skurup and Rydsgård as smaller cities **WWTP:** no WWTP only summer data available			
E42 SE	**site:** Vege å **catchment:** mixed agricultural land and several cities **WWTP:** Åstorp (13,000 IE), Ekebo (11,000 IE), Kågeröd (2,500 IE) only summer data available			

	Germany			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Münster
Hamm
Paderborn
Sachsen-Anhalt
Brandenburg
Potsdam
Essen
Nordrhein-Westfalen
Düsseldorf
Solingen
Köln
Aachen
Bonn
Siegen
Göttingen
Kassel
Halle (Saale)
Leipzig
Dresden
Thüringen
Chemnitz
Sachsen
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Aussig
Hessen
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Bayern
Strasbourg
Straßburg
Nancy
Baden-Württemberg
Reutlingen
Ingolstadt
Augsburg
Südwesten
Jihozápad
Budějo
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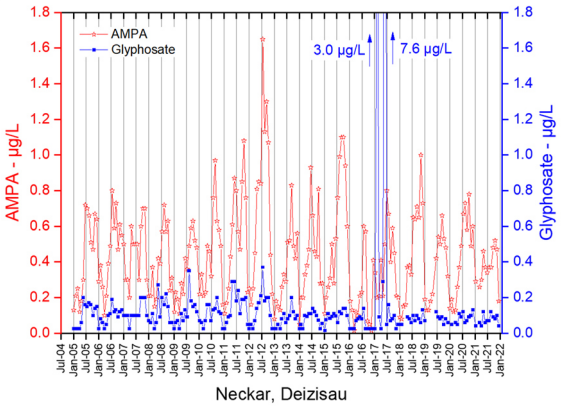
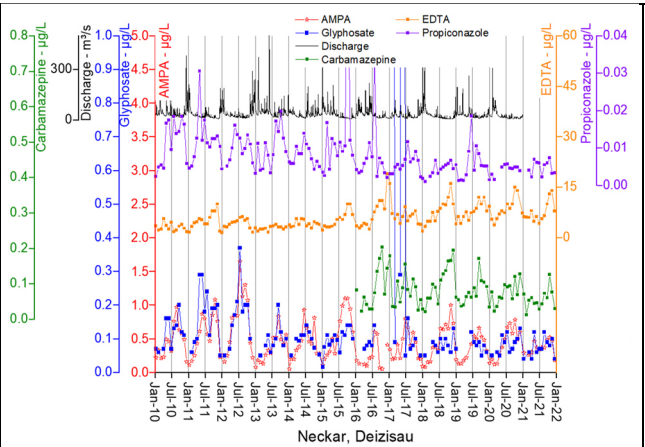
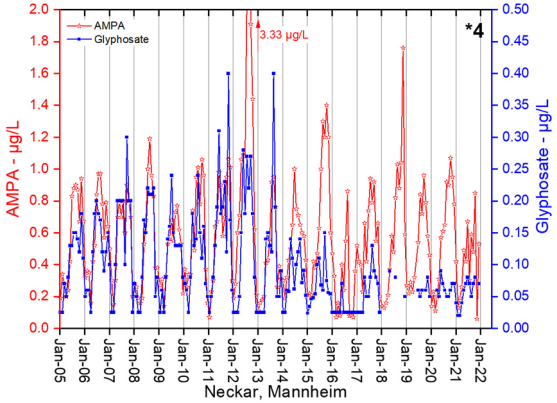
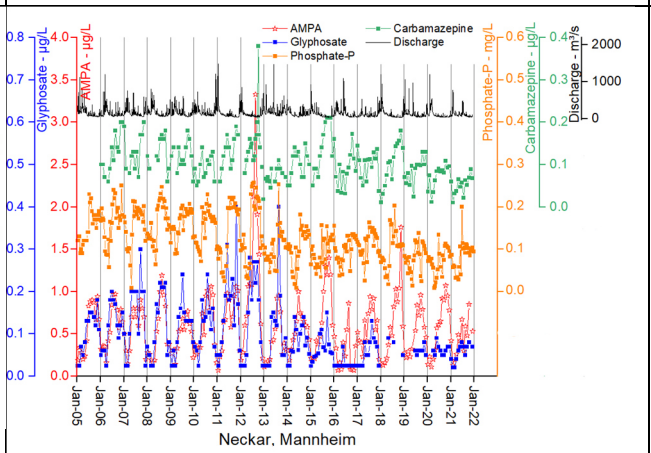
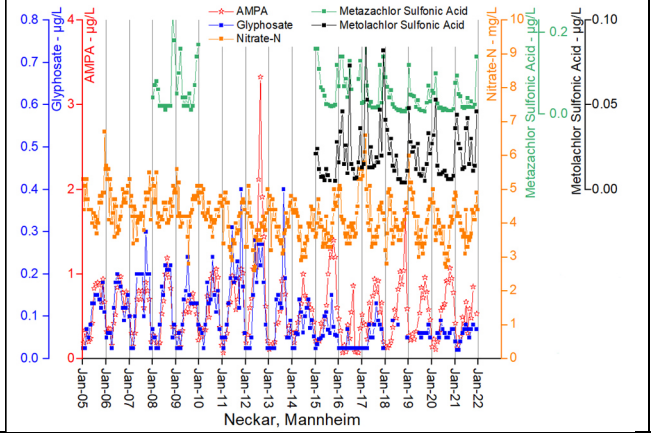
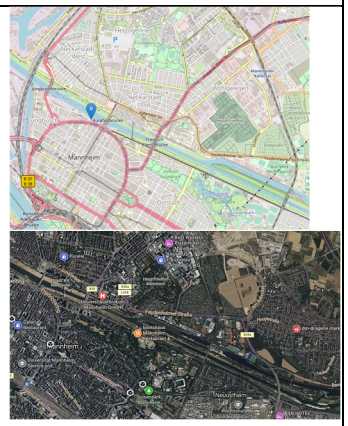
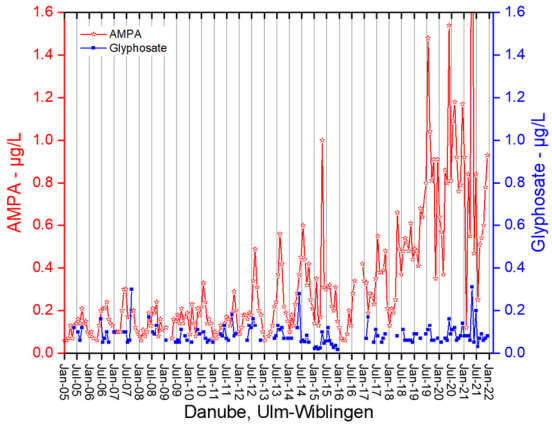
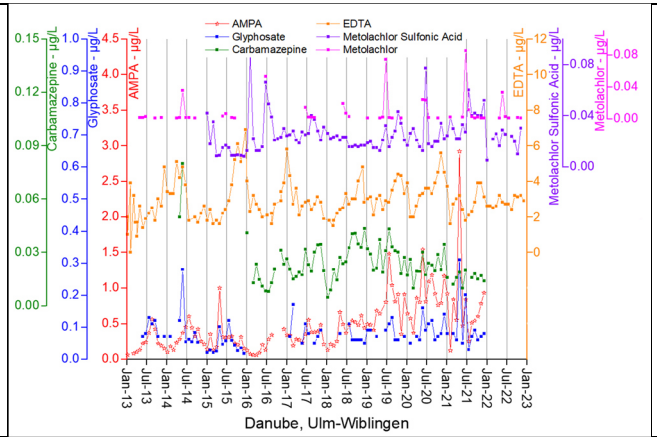
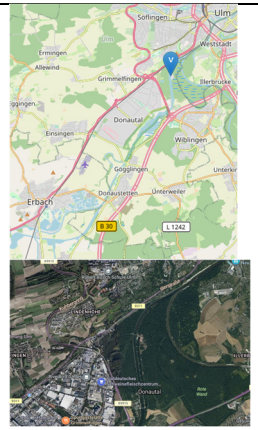
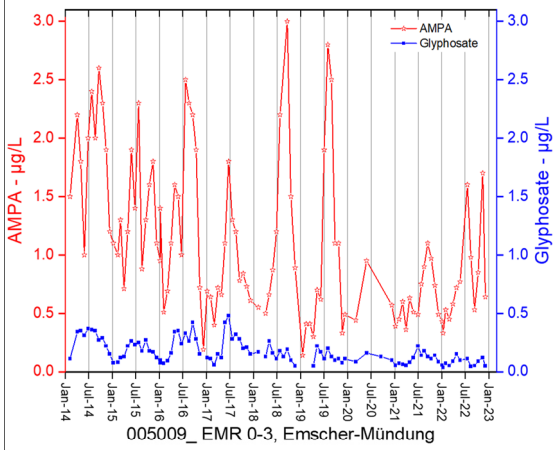
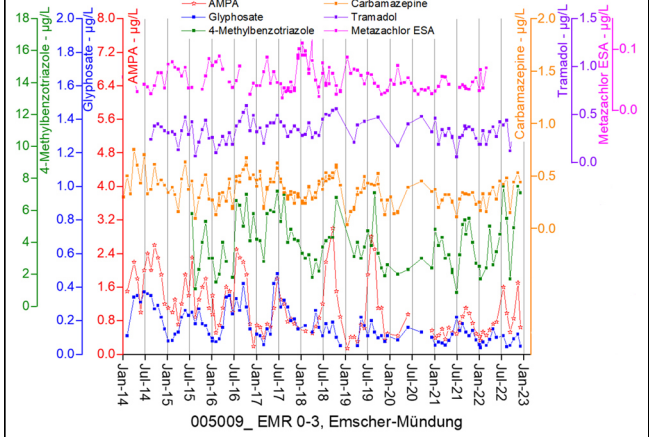
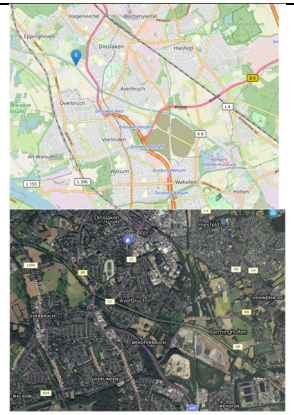
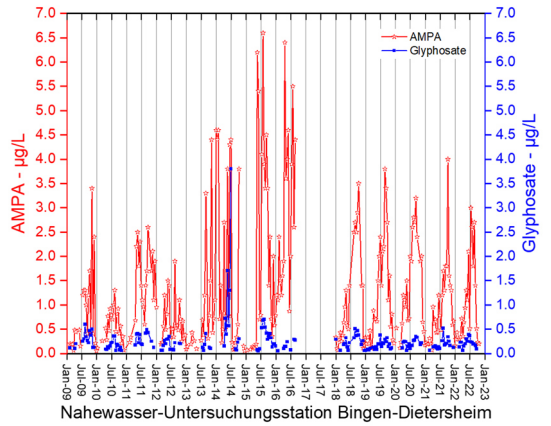
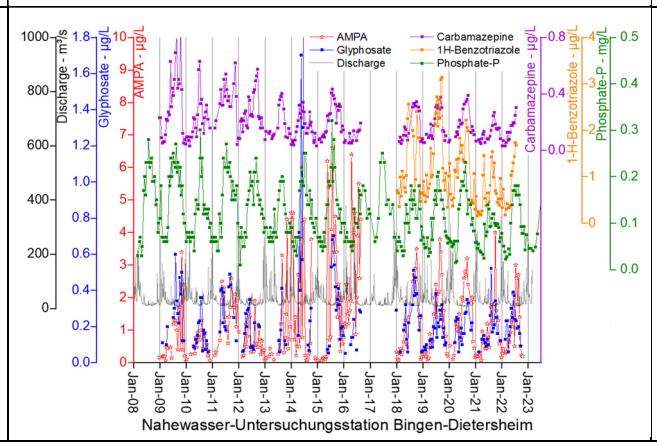
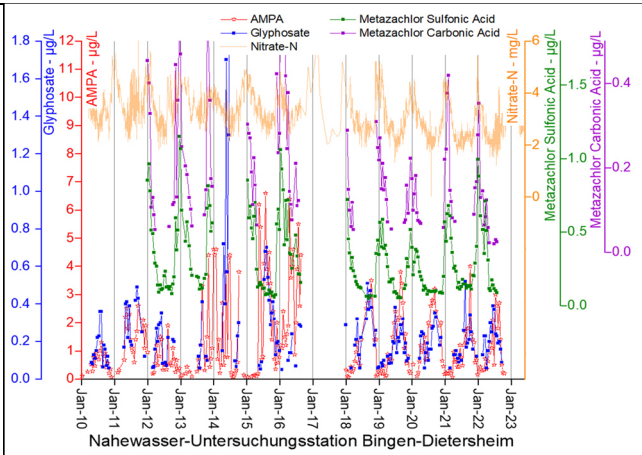
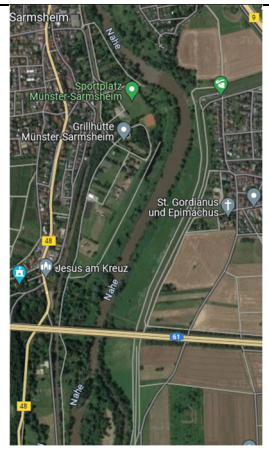
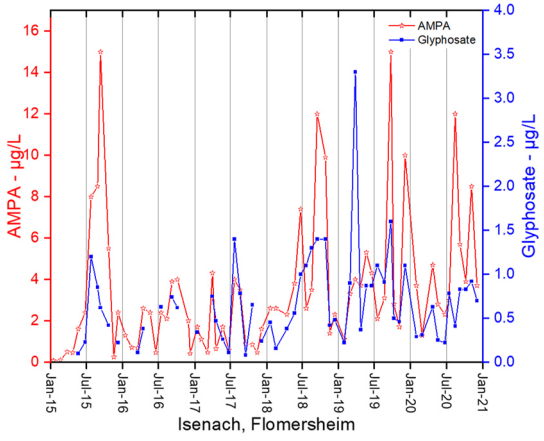
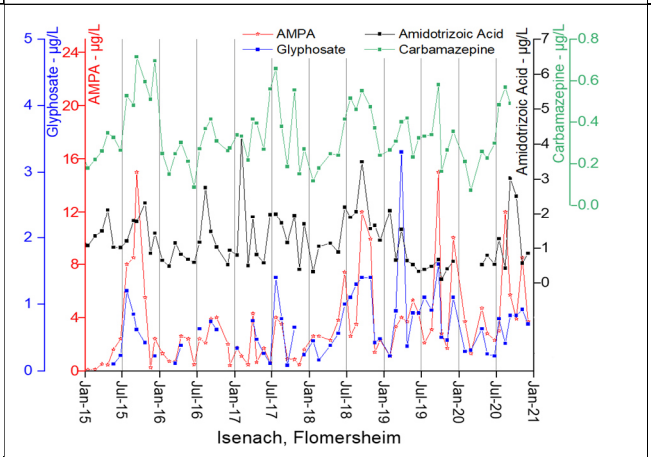
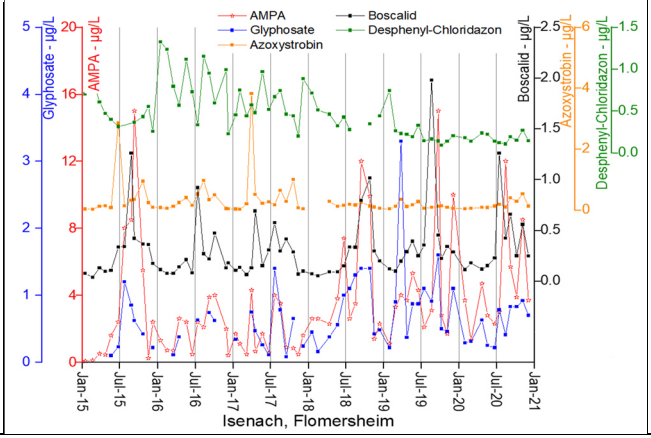
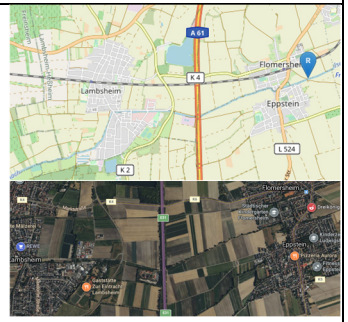
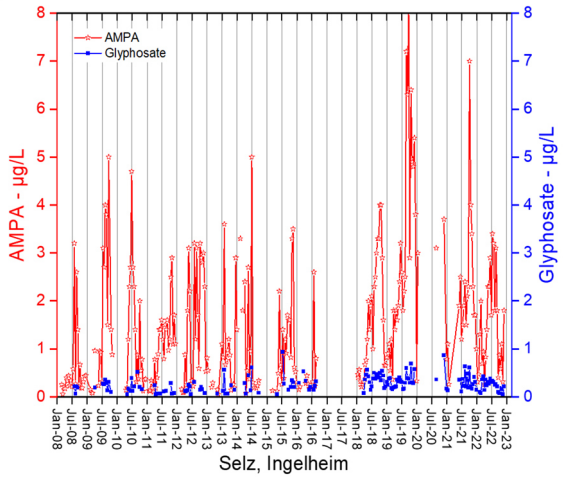
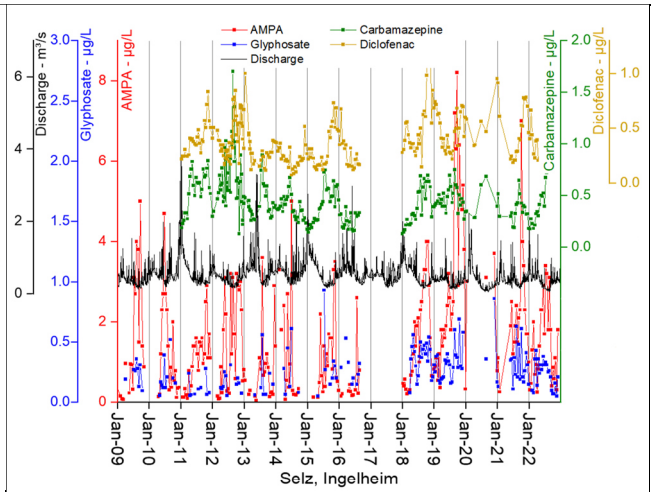
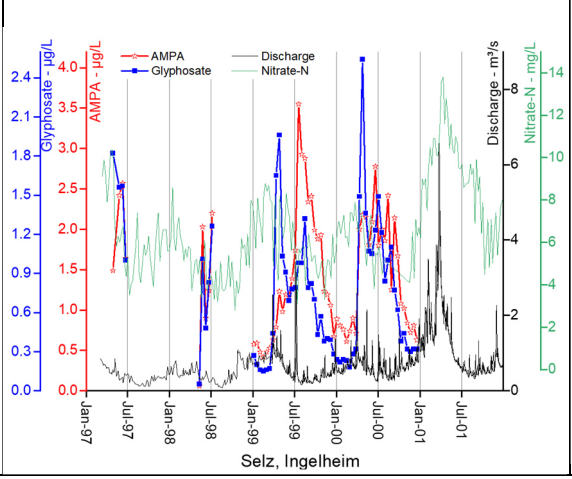
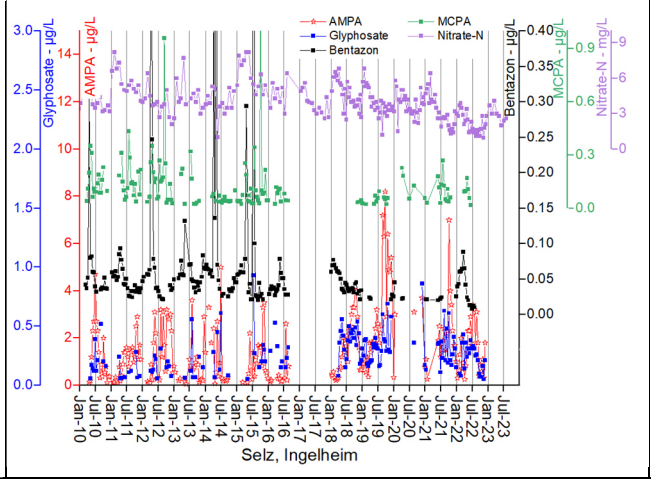
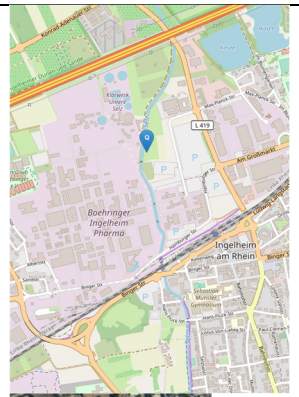
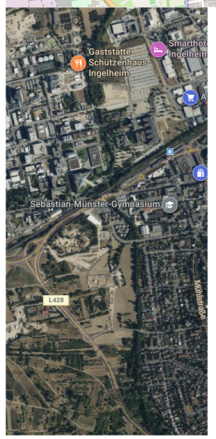
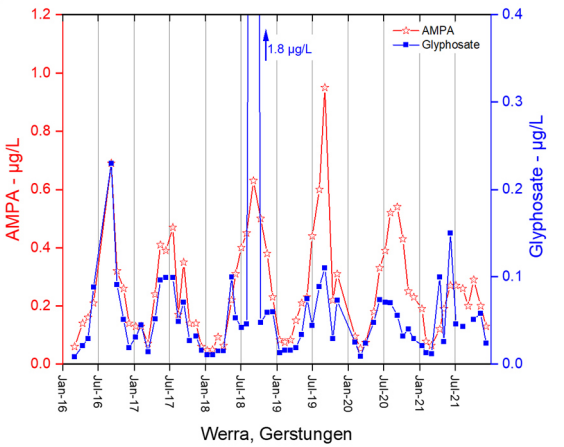
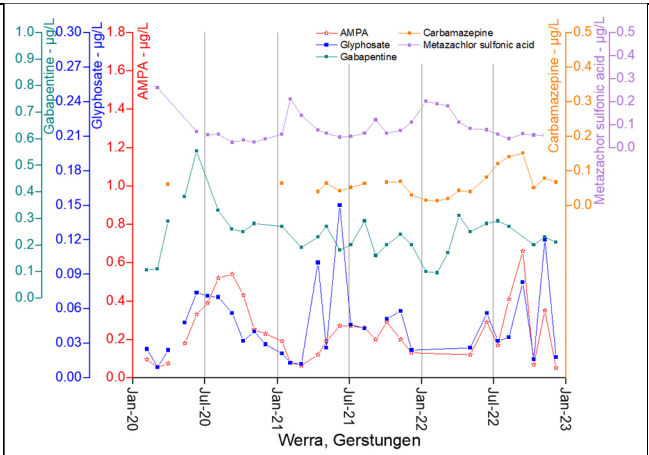
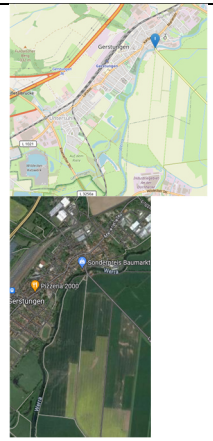
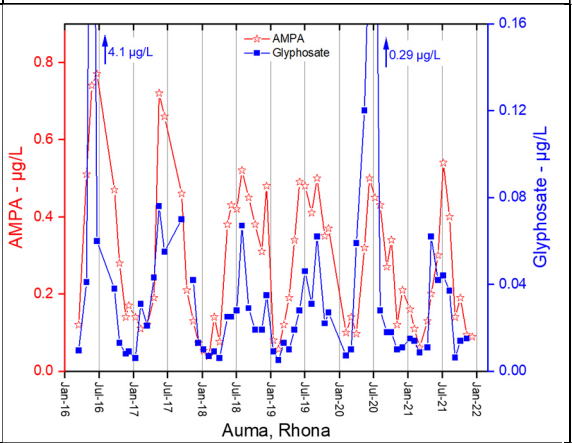
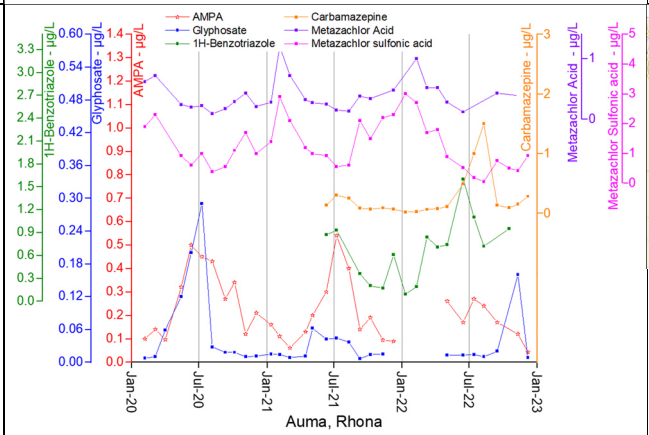
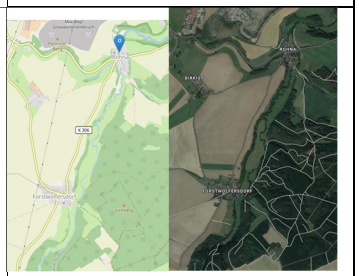
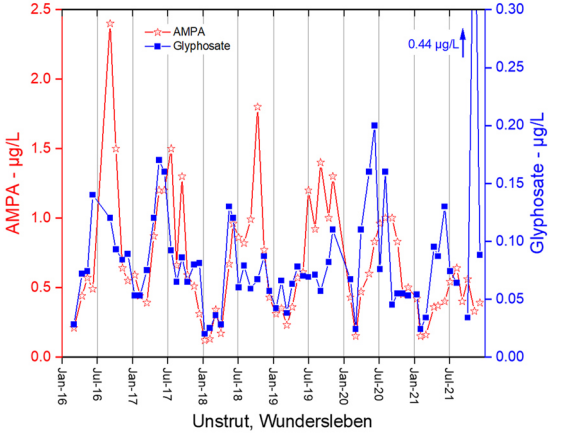
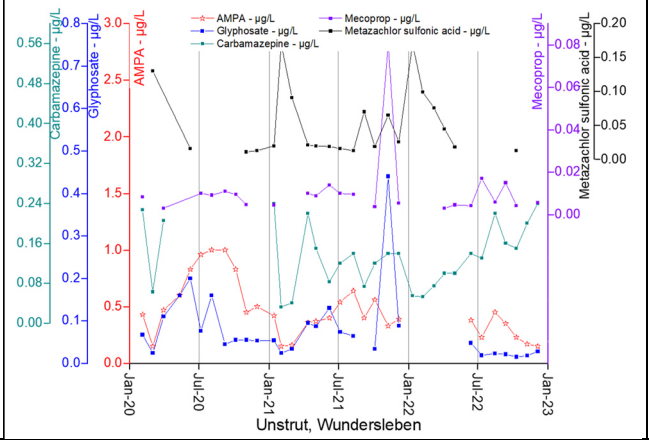
E43 DE (BW)	**site:** CYY200_Neckar, Deizisau **catchment:** 3,995 km² (Plochingen); urban around sampling site, agricultural sections, cities Reutlingen (120 000 inh.),Tübingen (93,000 inh.) **WWTP:** Wernau (30,000 IE), Reichenbach a.d. Fils (31,000 IE, tributary), Wendlingen (170,000 IE), Nürtingen (75,000 IE), Neckartenzlingen (19,000 IE), …., Tübingen (137,000 IE)			
E44 DE BW	**site:** CYY003_Neckar, Mannheim **catchment:** 13,900 km²; mixed urban and agriculture **WWTP:** closest large WWTPs: Neckarhausen (80,000 IE), Heidelberg (360,000 IE) (on total ca. 5.5 Mio inhabitants)		 	

E45 DE (BW)	**site:** CQQ803_Danube, Ulm-Wiblingen **catchment:** 5,000 km²; agriculture with smaller cities and villages **WWTP:** Erbach (20,000 IE), Öpfingen (8,000 IE)			
E46 DE (Nrw)	**site:** 005009_ EMR 0-3, Emscher (mouth) **catchment:** 794 km²; dominantly urban, few fields **WWTP:** Emscherkläranlage (1.4 Mio IE) close to sampling site, Bottrop (1.3 Mio IE), Dortmund-Deusen (700,000 IE)			
E47 DE (Rhp)	**site:** 2540502500_Nahe-wasser-Untersuchungs-station Bingen-Dietersheim 14 day composite samples **catchment:** 4,039 km²; mixed urban and agriculture with city Bad Kreuznach **WWTP:** Nahetal (35,000 IE, tributary), Langenlons-heim (30,000 IE), Gulden-bachtal (22,000 IE, tributary), Bad Kreuznach (110,000 IE)			

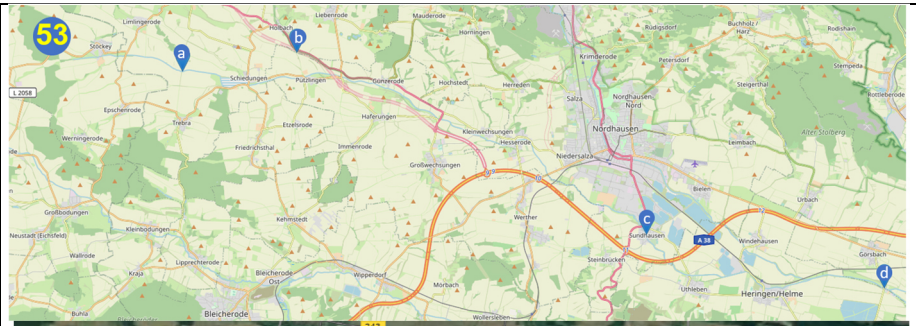
				
E48 DE Rhp	**site:** 2391513000_Isenach, Pegel Flomersheim **catchment:** 279 km²; agricultural (wine, legume) and villages, city of Bad Dürkheim **WWTP:** Lambsheim (25,000 IE), Weisenheim am Sand (24,000 IE, tributary)		 	

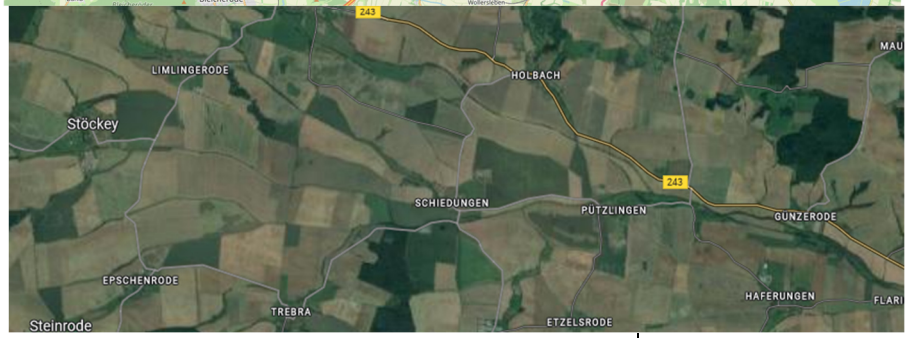
E49 DE Rhp	**site:** 2529522200_Selz, Ingelheim **catchment:** 363 km² (Oberingelheim); mixed urban and agriculture (wine-growing), large pharmaceutical company **WWTP:** Saulheim (30,000 IE, tributary), Hahnheim (18,000 IE), Bechtolsheim (18,000 IE), Alzey (36,000 IE)	   	 

E50 DE (Thu)	**site:** 2371_Werra at Gerstungen **catchment:** 3,039 km²; mixed urban and agriculture, villages along the river **WWTP:** Wildeck/Obersuhl (5,200 IE, tributary), Heringen (12,000 IE), Philippsthal (8,000 IE), Vache (7,500 IE), …			
E51 DE (Thu)	**site:** 58681_Auma at Rhona **catchment:** 136 km² (Eisenhammer); forest, fields, some small villages **WWTP:** Niederpöllnitz (2,500 IE), Auma (3,100 IE)			
E52 DE (Thu)	**site:** 2167_Unstrut at Wundersleben **catchment:** 2,049 km² (Straußleben); agricultural with smaller villages, Bad Langesalza (17,000 inh.), flood control reservoir close to sampling site **WWTP:** Straußfurt (close to sampling point, 6,000 IE), Gebesee (3,000 IE, tributary), Herbsleben (4,800 IE), Bad Langensalza (33,000 IE)			

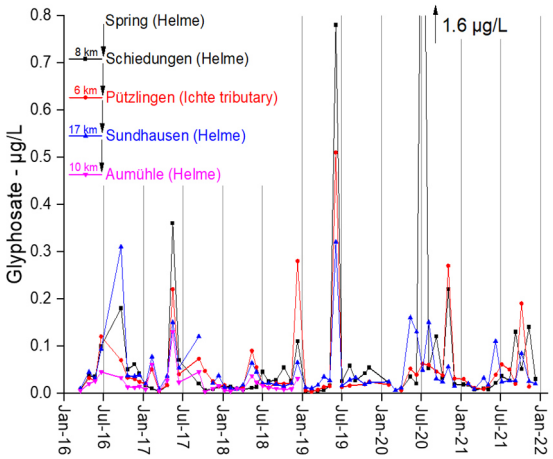
E53 a-d DE (Thu)

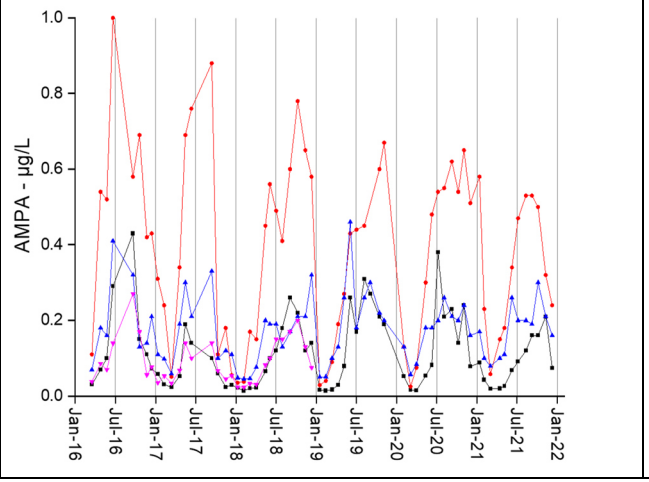
a	N° 2114	Helme, Schiedunger Teiche oh (catchment ca. 25 km²); WWTP Stöckey (400 inh.)
b	N° 2113	Ichte, Pützlingen (above confluence with Helme, catchment ca. 50 km²); small WWTPs (Mackenrode (550 inh.), Holbach 200 inh.)
c	N° 2134	Helme, Sundhausen (catchment 201 km²); several small WWTPs with several thousand inh.
d	N° 2135	Helme, Aumühle (catchment ca. 550 km²); WWTP Sundhausen (100,000 IE)

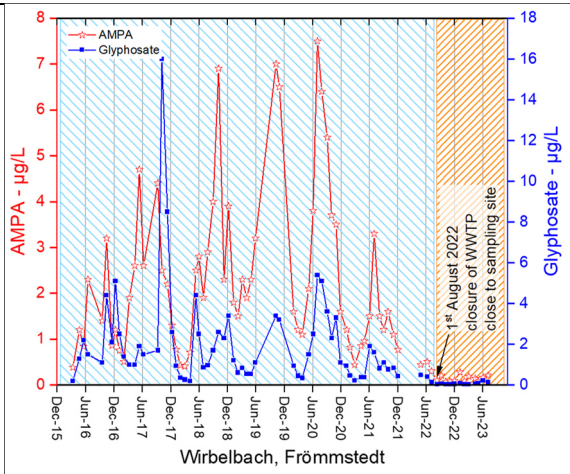
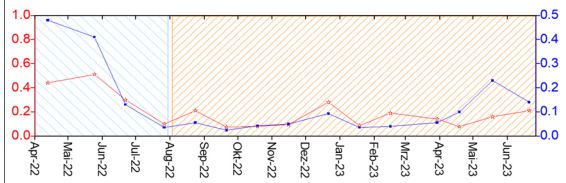
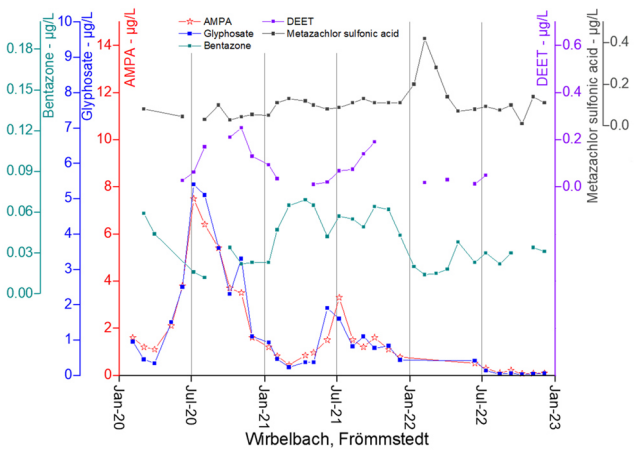
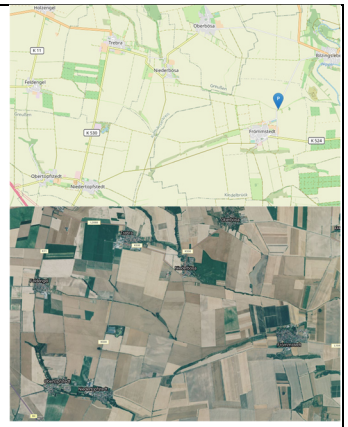
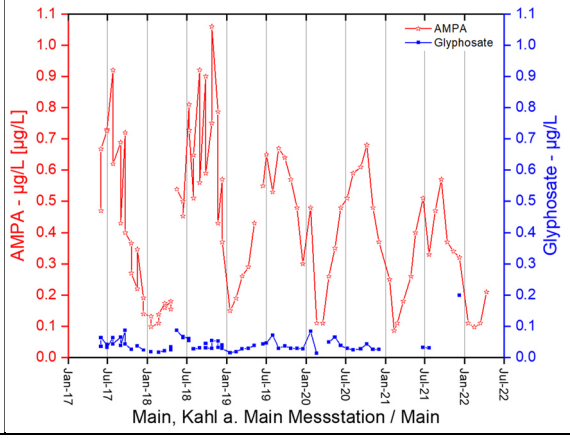
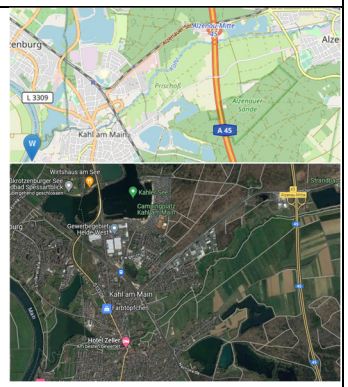


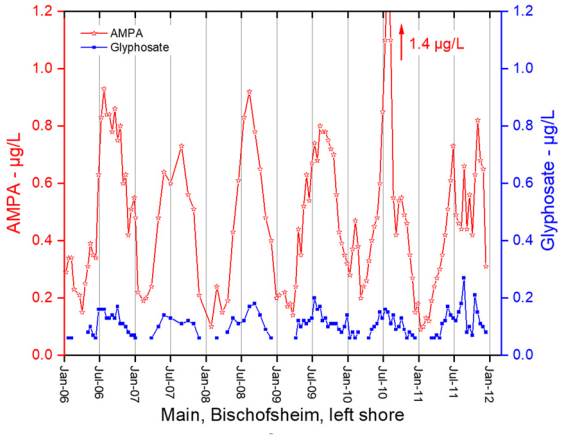
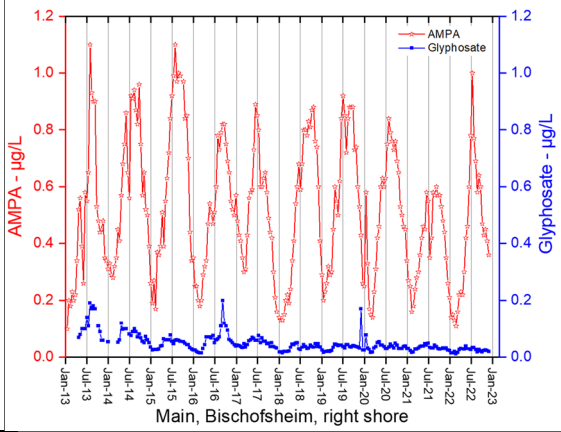
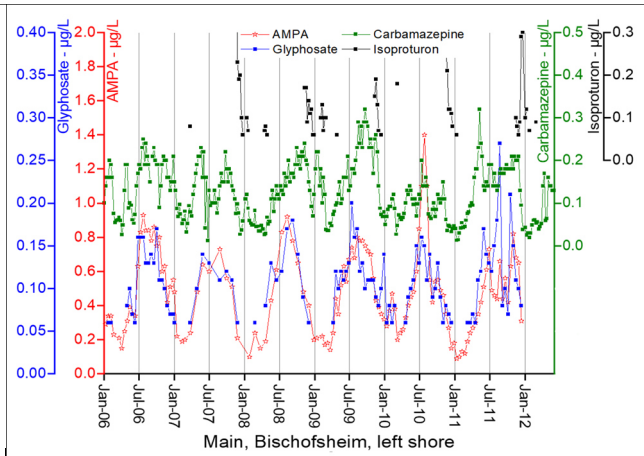
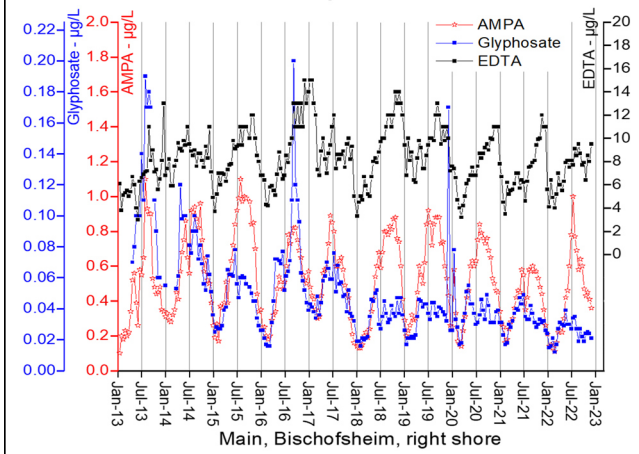
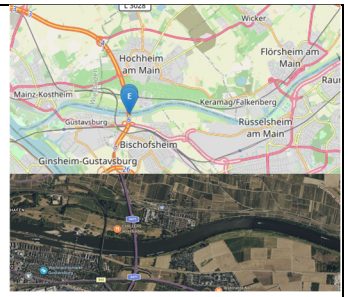
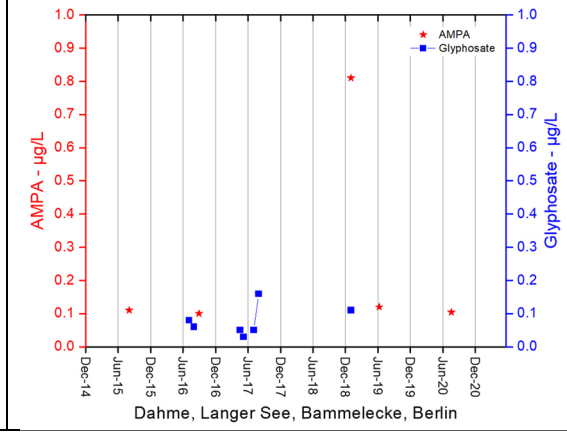
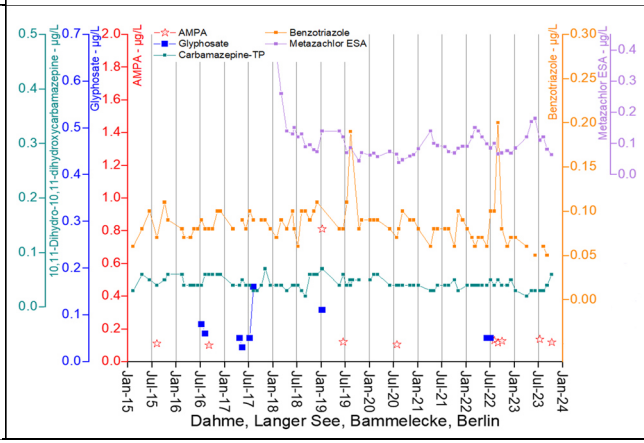
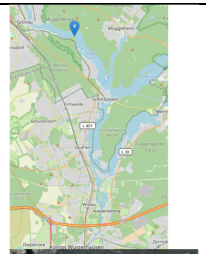
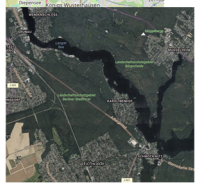


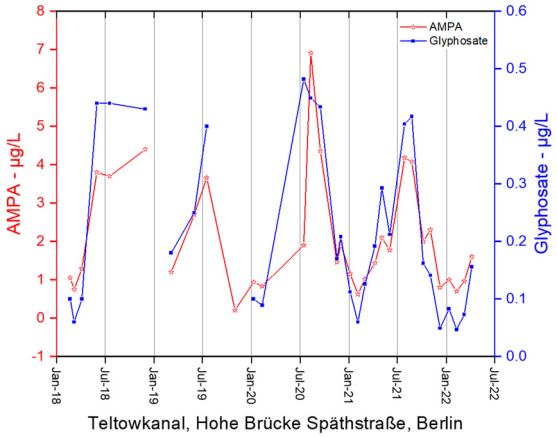
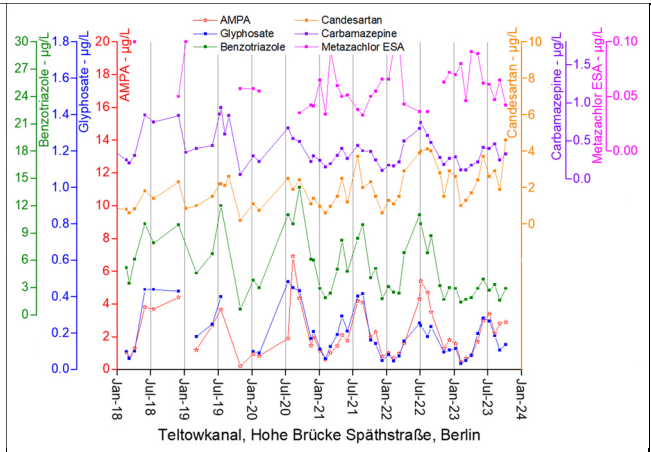
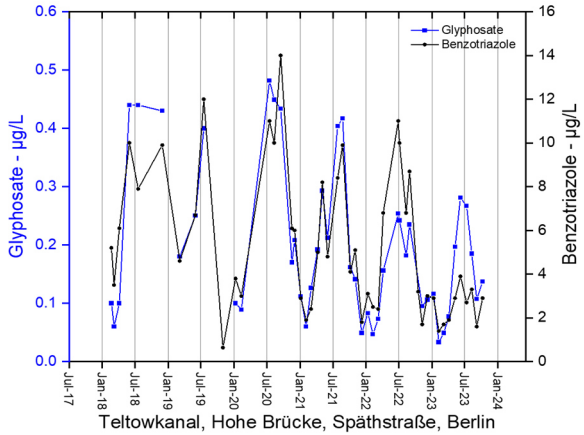
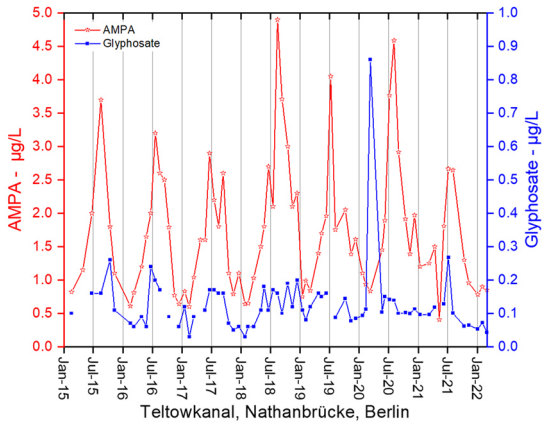
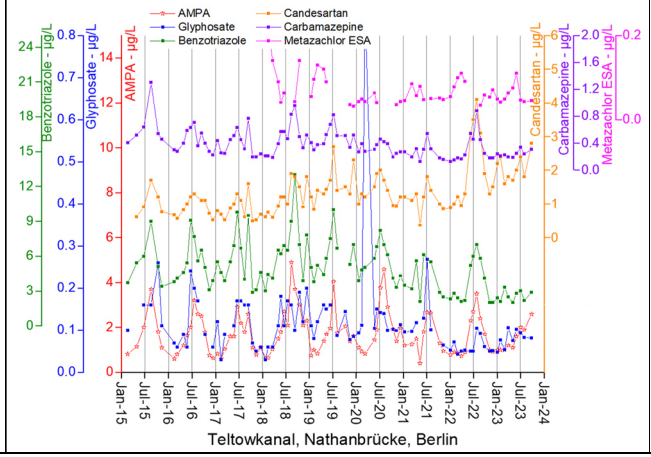
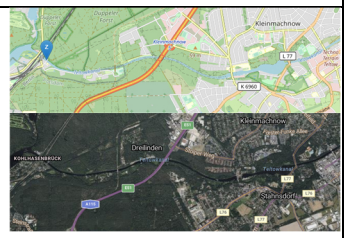
site: Helme, Thüringen sampling ca. 8 km after spring
catchment: agriculture with large fields; city of Nordhausen and Sundhausen via tributary
WWTP: Stöckey (400 inhabitants), Nordhausen (100 000 IE, tributary), Aumühle (10 000 IE), large number of small WWTP in Pützlingen, Haferungen, Großwechsungen, Kleinwerther, Großwerther



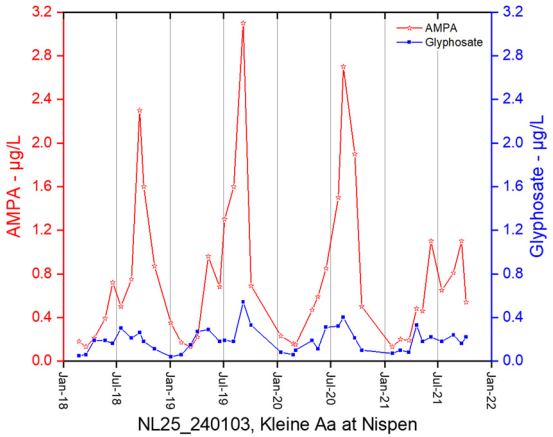
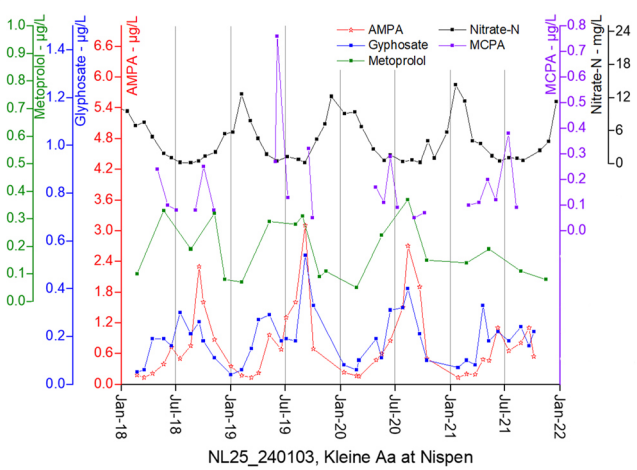


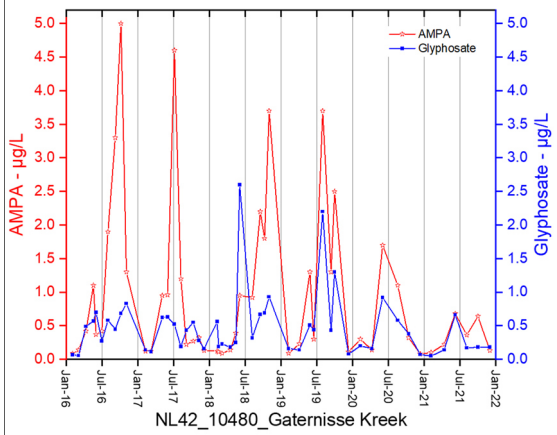
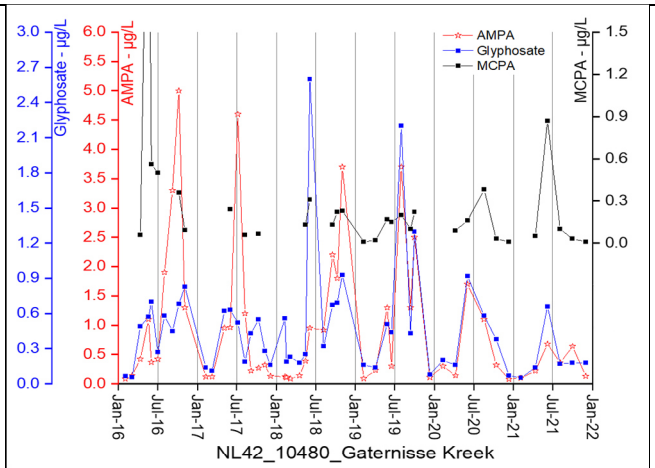
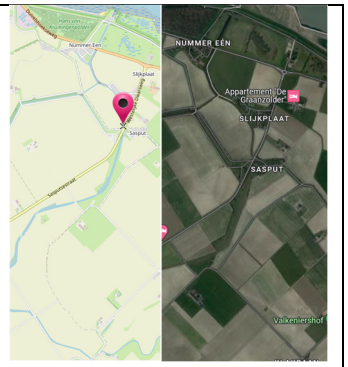
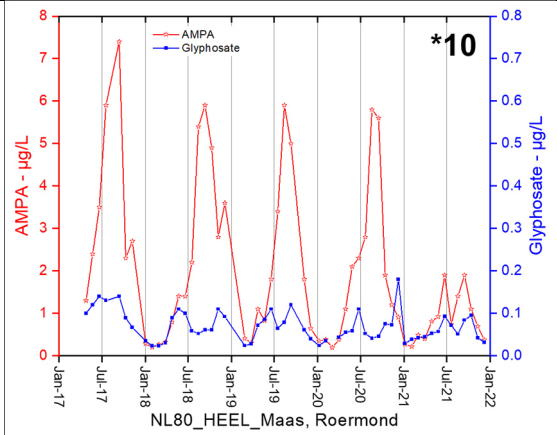
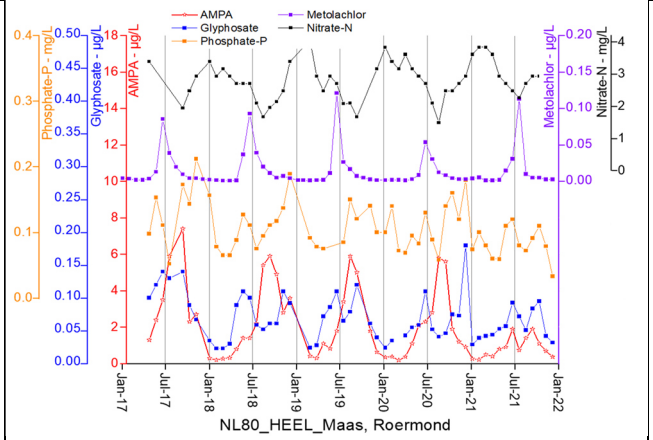
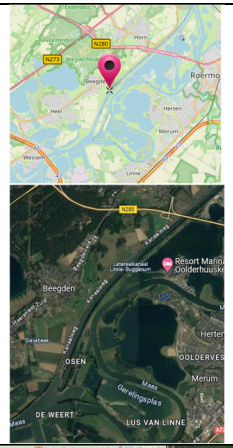
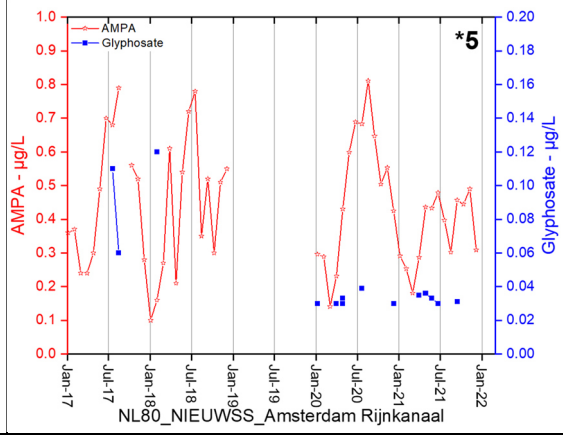
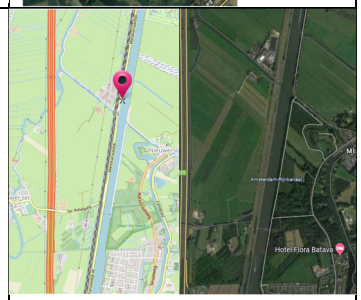
E54 DE (Thu)	**site:** 3721_Wirbelbach at Frömmstedt, sampling ca. 15 km after spring **catchment:** ca. 35 km²; agricultural area with large fields (ca. 60 km from site 53), small villages **WWTP:** private sewer from baking company in Molchbrongraben, WWTP Frömmstedt (500 inh., large baking facility with 290 IE), private sewers sewage treatment plant conversion at 1st August 2022 to Kindelbrück	 		
E55 DE Bay	**site:** 24078008_Kahl a. Main Messstation / Main **catchment:** 23,374 km² (Krotzenburg); mixed urban and agriculture **WWTP:** Alzenau (25,000 IE), Mömbris OT Brücken (40,000 IE)		no further data available	

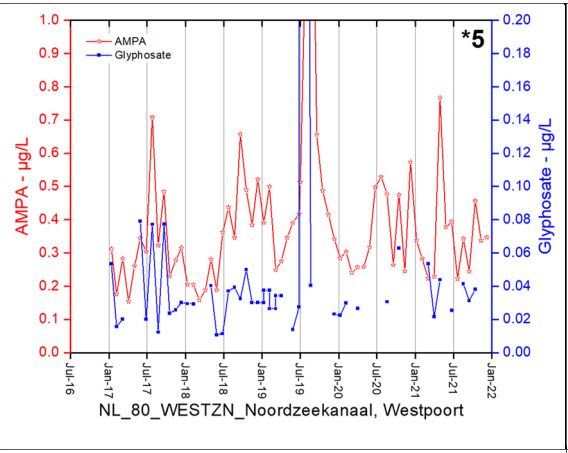
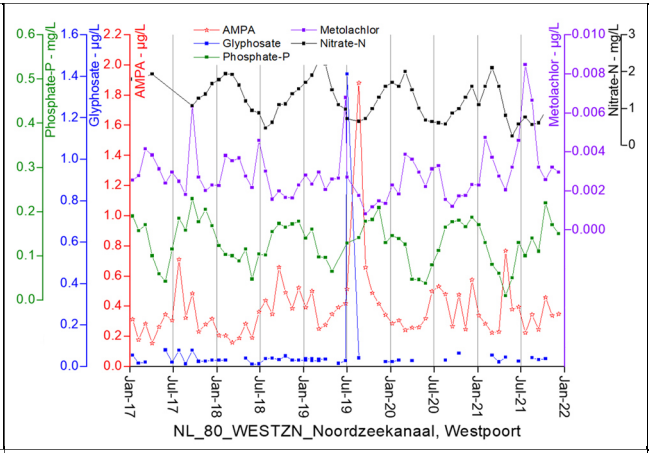
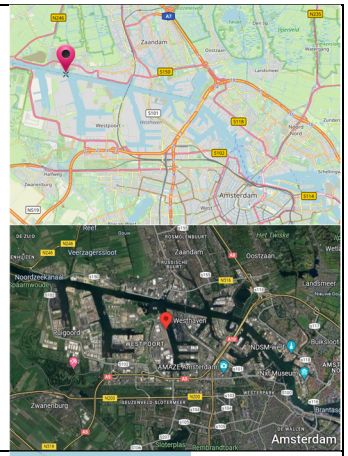
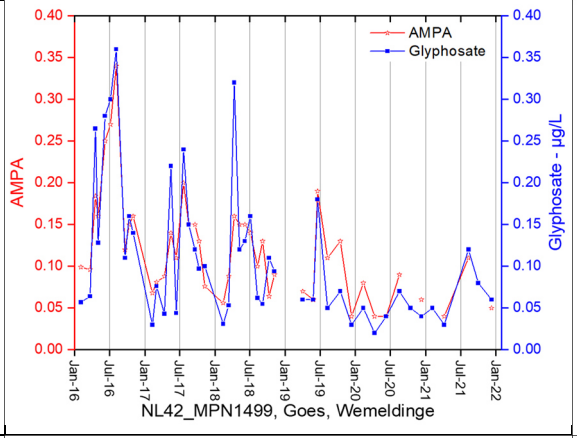
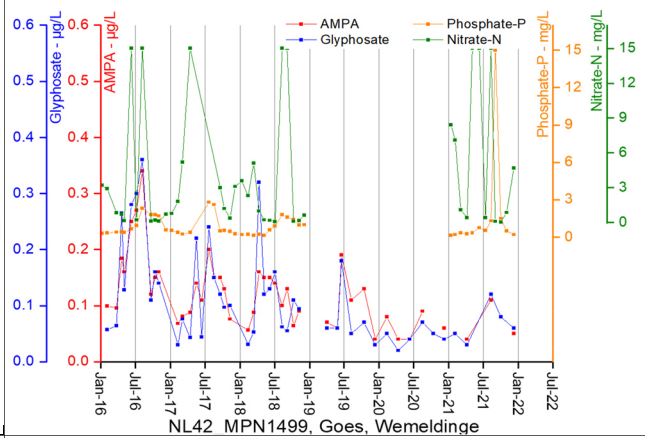
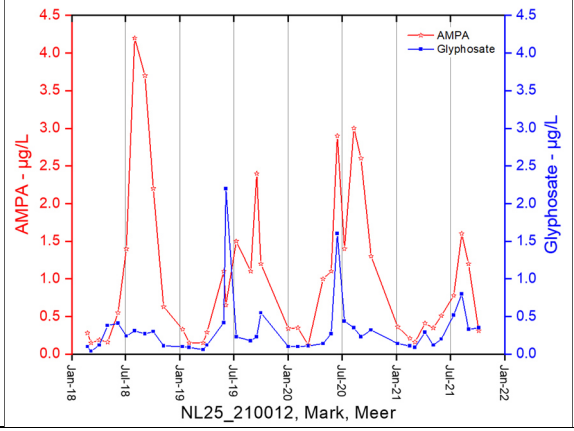
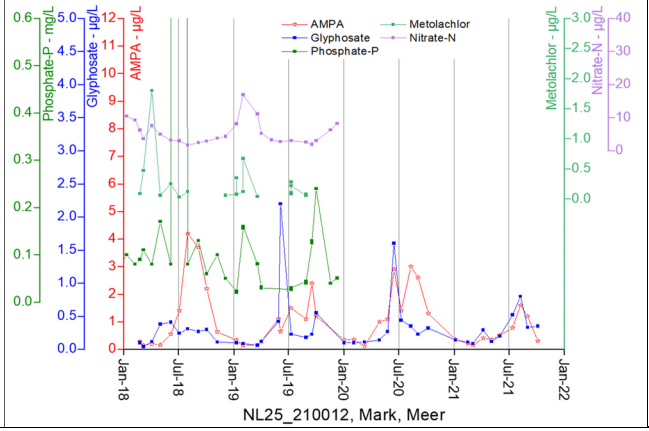
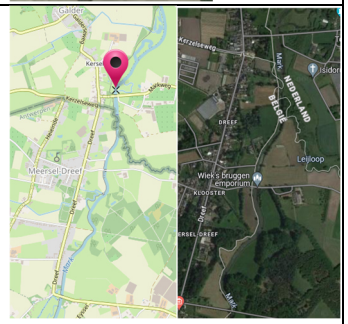
E56 DE (Hes)	**site:** Main, Bischofsheim **catchment:** 27,142 km² (Raunheim); urban and agriculture sampling at both banks independently (different wastewater input assumed) right bank: 14 day composite sample; left bank: 7 day composite sample **WWTP:** Hochheim (35,000 IE), Flörsheim (90,000 IE), Raunheim (98,000 IE), Hattersheim (6,500 IE), Frankfurt a. Main (470,000 IE)	 	 	
E57 DE Ber	**site:** Dahme, Langer See, Bammelecke **catchment:** 1,890 km²; urban and forests (partially natural reserve) **WWTP:** no WWTP, but WWTP influence via Dahme-Umflutkanal			 

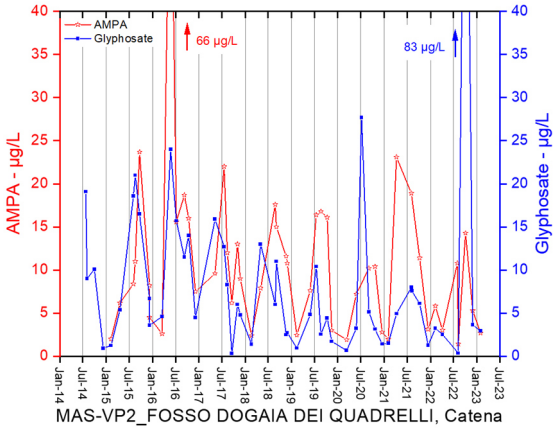
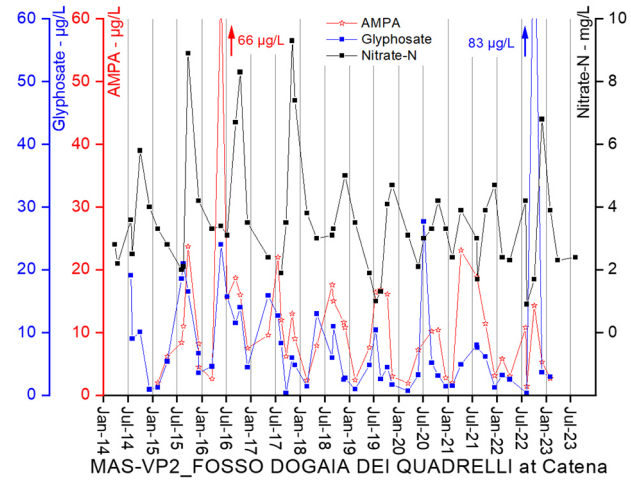
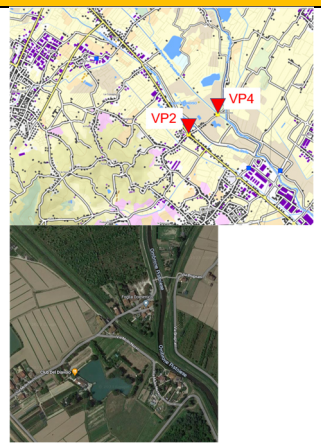
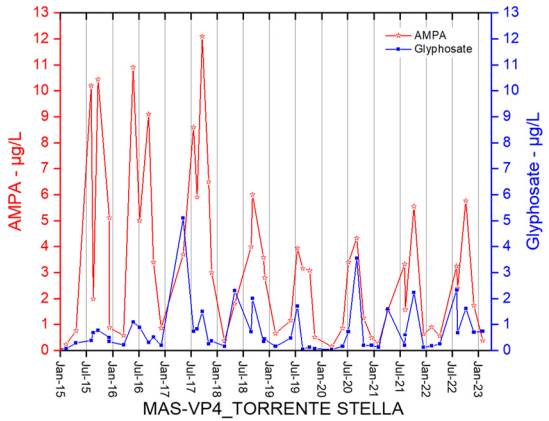
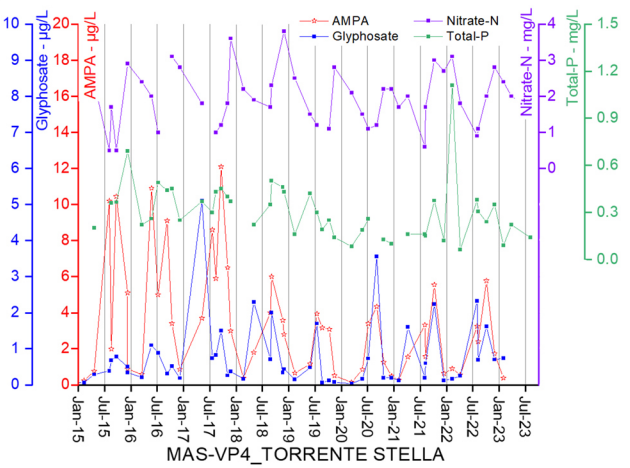
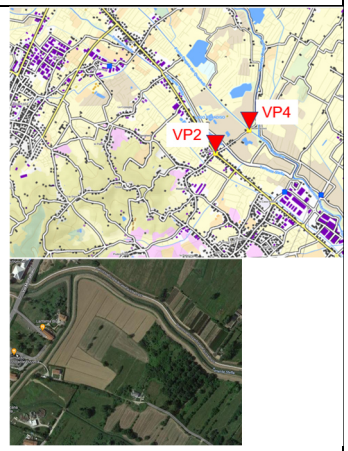
E58 DE Ber	**site:** Teltowkanal_Höhe Brücke Späthstraße fully urban, branch of Dahme (site E57) **catchment:** urban, branch of E57 **WWTP:** Waßmannsdorf (1.3 Mio IE)			
				
E59 DE Ber	**site:** Teltowkanal_ Nathanbrücke (LAWA) **catchment:** urban, forest downstream of site E58 **WWTP:** Waßmannsdorf (1.3 Mio IE), Stahndsorf (320,000 IE)			

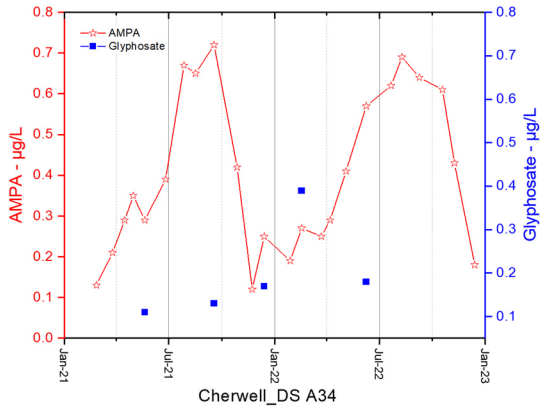
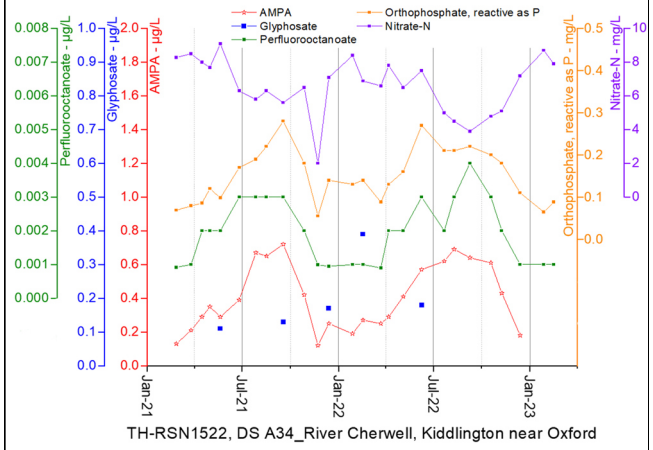
The Netherlands

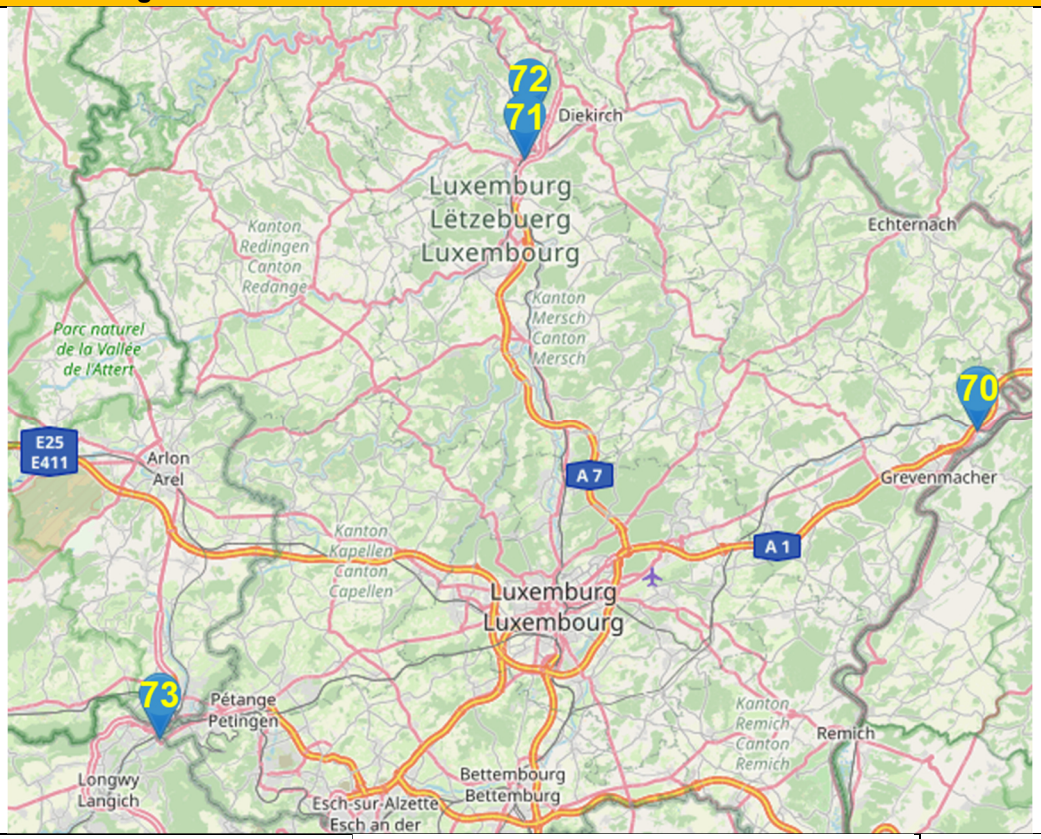
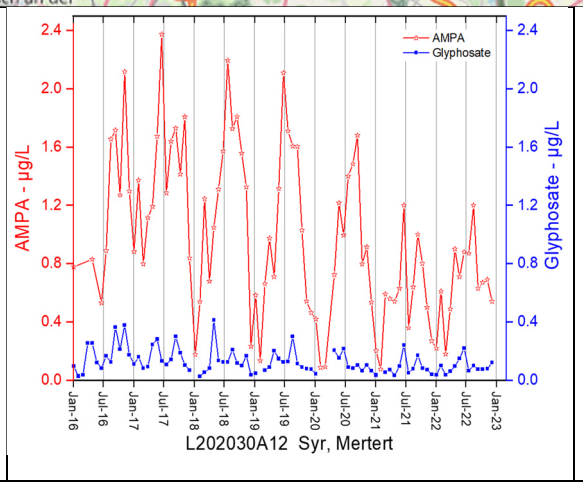
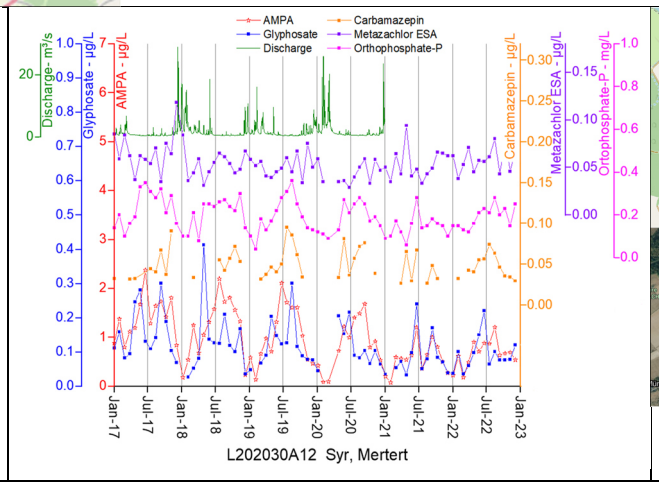
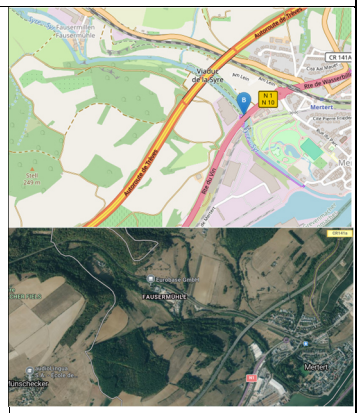
E60 NL	**site:** NL25_240103, Kleine Aa at Nispen **catchment:** agriculture and urban (Essen (BE) 19500 inh.) **WWTP:** Essen (14,000 IE), Kalmthout (28,000 IE)			

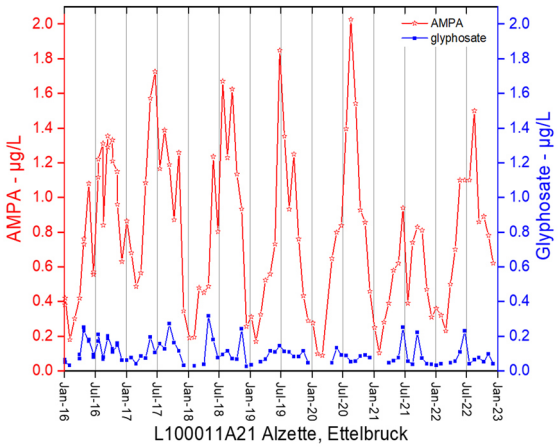
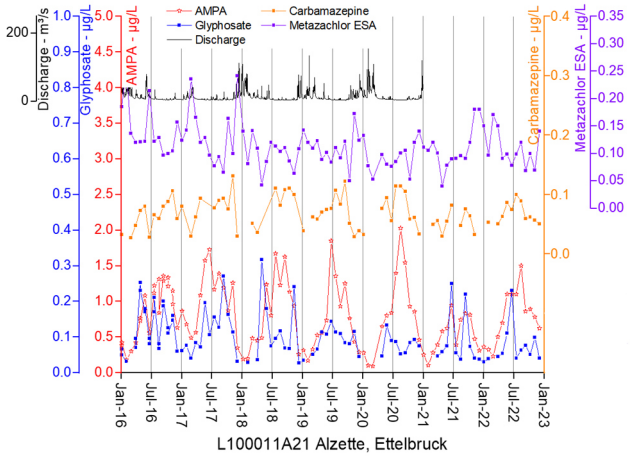
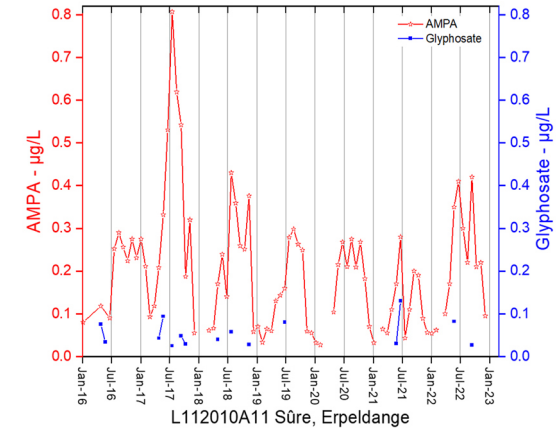
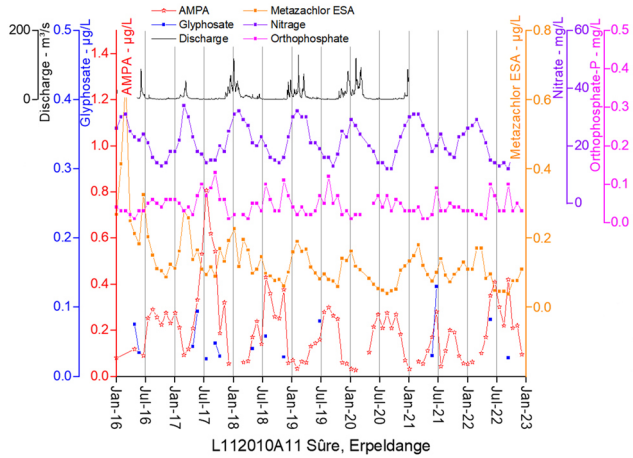
E61 NL	**site:** NL42_10480_Gaternisse Kreek **catchment:** agriculture, village Sasput **WWTP:** no WWTP, eventually private sewers			
E62 NL	**site:** NL80_HEEL_Maas at Roermond sampling near drinking water abstraction site Heel **catchment:** mixed urban and agriculture, several water gates along river **WWTP:** several WWTP along Maas and tributaries, e.g. Susteren (300,000 IE), Stein (40,000 IE)			
E63 NL	**site:** NL80_NIEUWSS_Amsterdam Rijnkanaal **catchment:** mixed, strong urban influence from Utrecht **WWTP:** Breukelen (35,000 IE), Maarssen (tributary, 25,000 IE), Houten (90,000 IE), Leidsche Rijn (100,000 IE), Wijk bij Duurstede (30,000 IE)		other substances without suitable time series (mostly < LOD)	

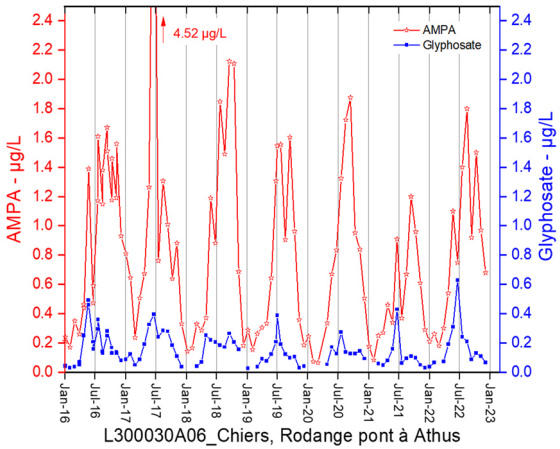
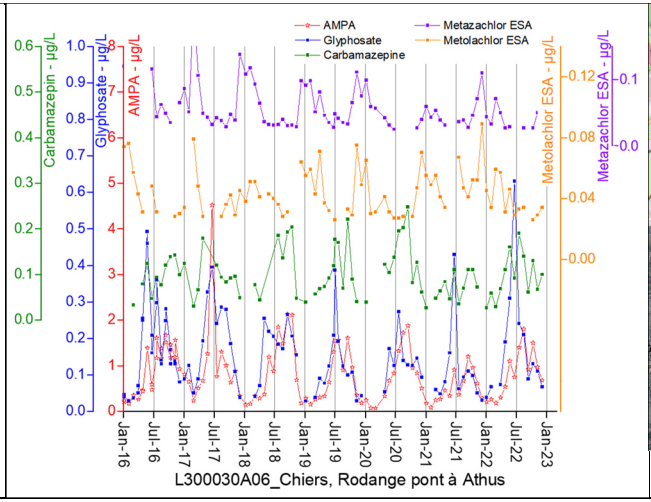
E64 NL	**site:** NL_80_WESTZN_Noord-zeekanaal at Westpoort **catchment:** urban and strongly drained fields **WWTP:** Westpoort (500,000 IE), Amsterdam West (1 Mio IE)			
E65 NL	**site:** NL42_MPN1499 Goes at Wemeldinge at pumping station to the ocean **catchment:** agriculture **WWTP:** no WWTP			
E66 NL	**site:** NL25_210012, Mark at Meer **catchment:** agriculture and urban (Hoogstraten with 22,000 inh,), many drainage trenches **WWTP:** Hoogstraten (26,000 IE)			

	Italy			
E67 IT Tos	**site:** MAS-VP2_FOSSO DOGAIA DEI QUADRELLI at Catena **catchment:** drainage trench in mixed agricultural and urban area **WWTP:** Calice with almost 200,000 IE			
E68 IT Tos	**site:** MAS-VP4_TORRENTE STELLA few meters from site E49, but in river Stella Torrente. **catchment:** agriculture and urban **WWTP:** Quarrata (10-15,000 IE) discharge point into small creek connected to Stella Torrente			

	United Kingdom			
E69 **UK**	**site:** TH-RSN1522, DS A34_River Cherwell at Kiddlington near Oxford, West Thames **catchment:** mixed agricultural and urban **WWTP:** Banbury (80,000 IE), Kings Sutton (no data)			

	Luxemburg
	
E70	**site:** L202030A12 Syr at Mertert **catchment:** 202 km²; agriculture dominating, smaller towns **WWTP:** STEP_126_B001 Manternach (1,650 IE, tributary), STEP_122_B001 Biwer (3,000 IE), STEP_122_B002 Betzdorf-Habelsdorf (10,000 IE), STEP_406_B001 Uebersyren (35,000 IE)   

E71	**site:** L100011A21 Alzette, Ettelbruck **catchment:** 1,091 km²; urban/industrial headwater region (Esch-s.-A., city of Luxemburg), agriculture and forest dominating in lower catchment **WWTP:** STEP_503_B001 Boevange/Attert (15,000 IE, tributary), STEP_509_B001 Mersch (70,000 IE), STEP_1_B001 Beggen (210,000 IE)			
E72	**site:** L112010A11 Sûre, Erpeldange **catchment:** 947 km² (Michelau); agriculture and forests, relatively low population density **WWTP:** STEP_703_B002 Michelau (2,250 IE), STEP_703_B001 Bourscheid (2,500 IE, tributary), STEP_906_B004 Heiderscheidergrund (12.000IE), several smaller WWTPs			

E73	**site:** L300030A06_ Chiers - Rodange pont à Athus **catchment:** 58 km² (Pétange); densely populated and industrialized, agriculture **WWTP:** STEP_309_ B001 Petange (70,000 IE)			

[1] Boye, K., Lindström, B., Boström, G., Kreuger, J. Long-term data from the Swedish national environmental monitoring program of pesticides in surface waters. *J. Environm. Qual.* **48**, 1109-1119 (2019). doi: 10.2134/jeq2019.02.0056.