

Agricultural Ecology 2022



Cultural Landscape
Eifel, Germany

January 2022



Ice-covered trees on a steep rock slope
Langfig Valley, Eifel, Germany

Mo	Tue	Wed	Thu	Fri	Sat	Sun
					01	02
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February 2022



Wheat monoculture
Corrigin, West-Australia

Mo	Tue	Wed	Thu	Fri	Sat	Sun
	01	02	03	04	05	06
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

March 2022



Soil salinity caused by inappropriate agricultural practice
Wheat-Belt, Corrigin, West-Australia

Mo	Tue	Wed	Thu	Fri	Sat	Sun
	01	02	03	04	05	06
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April 2022



Clear cut of a spruce plantation affected by repeated summer droughts and associated bark-beetle invasions. Deciduous forests in the Eifel were replaced by fast growing spruce tree plantations in the 19th and 20th centuries for economic reasons.

Kalenborn, Germany

Mo	Tue	Wed	Thu	Fri	Sat	Sun
				01	02	03
04	05	06	07	08	09	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

May 2022



Sunrise behind Siebengebirge (Seven Hills)
Bonn, Germany

Mo	Tue	Wed	Thu	Fri	Sat	Sun
						01
02	03	04	05	06	07	08
09	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

June 2022



Extreme rainfall approaching Siebengebirge (Seven Hills)
Bonn, Germany

Mo	Tue	Wed	Thu	Fri	Sat	Sun
		01	02	03	04	05
06	07	08	09	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

July 2022



Severe flood damage caused by inappropriate Ahr stream catchment management of extreme rain events. Major parts of this traditional wine production village were flooded and destroyed on July 14, 2021.

Derna, Germany

Mo	Tue	Wed	Thu	Fri	Sat	Sun
				01	02	03
04	05	06	07	08	09	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

August 2022



Collapsing bridges under the impact of extreme runoff and uprooted trees planted along the Ahr river led to the buildup of a flood wave which killed 133 people and devastated downstream vineyards, villages and towns on July 14, 2021.

Ahrbrück (Ahr Bridge), Germany

Mo	Tue	Wed	Thu	Fri	Sat	Sun
01	02	03	04	05	06	07
08	09	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

September 2022



Euphrat, Sanliurfa, Turkey

Mo	Tue	Wed	Thu	Fri	Sat	Sun
			01	02	03	04
05	06	07	08	09	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

October 2022



Mayschoß, Ahr, Germany

Mo	Tue	Wed	Thu	Fri	Sat	Sun
					01	02
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

November 2022



Mofetta: volcanic discharge of carbon dioxide and vapors from the Eifel plume beneath Lake Laach, Germany

Mo	Tue	Wed	Thu	Fri	Sat	Sun
	01	02	03	04	05	06
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

December 2022



Mist in Eifel valleys, Germany

Mo	Tue	Wed	Thu	Fri	Sat	Sun
			01	02	03	04
05	06	07	08	09	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	