

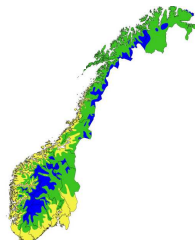
Food production systems and food products vary across Europe

In this poster we consider the addition of 'regional' parameters to the ECOLEGO-FDMT model and look at the impact on predictions of radionuclides in agricultural produce

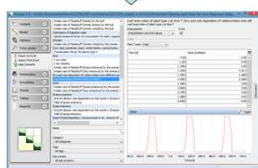
Regionalisation in Norway – what we have changed

Data (Leaf Area Index (LAI)) versus time for cereal crops grown in Norway (Zone 1) and an example (LAI for oats) of how these data are represented in the ECOLEGO-FDMT model

Spring barley 21	Spring wheat 21	Winter wheat 21	Winter barley 21
Date	Date	Date	Date
20.4	20.4	20.4	20.4
4.5	4.5	4.5	4.5
15.5	15.5	15.5	15.5
20.5	20.5	20.5	20.5
1.6	1.6	1.6	1.6
8.6	8.6	8.6	8.6
22.7	22.7	22.7	22.7
10.8	10.8	10.8	10.8
10.8	10.8	10.8	10.8



Variation in the start of the growing season – the approximate time when the average temperature in Norway is greater than 5°C in regions Zone 1 (yellow), Zone 2 (green) and Zone 3 (blue)



Regionalisation in Spain – what we have changed

Spanish data of feedstuff for Cow milk with intake rate of feedstuff time series based in Grass and Hay Intensive.

Grass Intensive	Hay Intensive
Intake Feedstuffs	Intake Feedstuffs
(kg fresh weight per day)	(kg fresh weight per day)
Day	Day
1	1
15	15
31	31
47	47
63	63
79	79
95	95
111	111
127	127
143	143
159	159
175	175
191	191
207	207
223	223
239	239
255	255
271	271
287	287
303	303
319	319
335	335
351	351
367	367
383	383
399	399
415	415
431	431
447	447
463	463
479	479
495	495
511	511
527	527
543	543
559	559
575	575
591	591
607	607
623	623
639	639
655	655
671	671
687	687
703	703
719	719
735	735
751	751
767	767
783	783
799	799
815	815
831	831
847	847
863	863
879	879
895	895
911	911
927	927
943	943
959	959
975	975
991	991
1007	1007
1023	1023
1039	1039
1055	1055
1071	1071
1087	1087
1103	1103
1119	1119
1135	1135
1151	1151
1167	1167
1183	1183
1199	1199
1215	1215
1231	1231
1247	1247
1263	1263
1279	1279
1295	1295
1311	1311
1327	1327
1343	1343
1359	1359
1375	1375
1391	1391
1407	1407
1423	1423
1439	1439
1455	1455
1471	1471
1487	1487
1503	1503
1519	1519
1535	1535
1551	1551
1567	1567
1583	1583
1599	1599
1615	1615
1631	1631
1647	1647
1663	1663
1679	1679
1695	1695
1711	1711
1727	1727
1743	1743
1759	1759
1775	1775
1791	1791
1807	1807
1823	1823
1839	1839
1855	1855
1871	1871
1887	1887
1903	1903
1919	1919
1935	1935
1951	1951
1967	1967
1983	1983
1999	1999
2015	2015
2031	2031
2047	2047
2063	2063
2079	2079
2095	2095
2111	2111
2127	2127
2143	2143
2159	2159
2175	2175
2191	2191
2207	2207
2223	2223
2239	2239
2255	2255
2271	2271
2287	2287
2303	2303
2319	2319
2335	2335
2351	2351
2367	2367
2383	2383
2399	2399
2415	2415
2431	2431
2447	2447
2463	2463
2479	2479
2495	2495
2511	2511
2527	2527
2543	2543
2559	2559
2575	2575
2591	2591
2607	2607
2623	2623
2639	2639
2655	2655
2671	2671
2687	2687
2703	2703
2719	2719
2735	2735
2751	2751
2767	2767
2783	2783
2799	2799
2815	2815
2831	2831
2847	2847
2863	2863
2879	2879
2895	2895
2911	2911
2927	2927
2943	2943
2959	2959
2975	2975
2991	2991
3007	3007
3023	3023
3039	3039
3055	3055
3071	3071
3087	3087
3103	3103
3119	3119
3135	3135
3151	3151
3167	3167
3183	3183
3199	3199
3215	3215
3231	3231
3247	3247
3263	3263
3279	3279
3295	3295
3311	3311
3327	3327
3343	3343
3359	3359
3375	3375
3391	3391
3407	3407
3423	3423
3439	3439
3455	3455
3471	3471
3487	3487
3503	3503
3519	3519
3535	3535
3551	3551
3567	3567
3583	3583
3599	3599
3615	3615
3631	3631
3647	3647
3663	3663
3679	3679
3695	3695
3711	3711
3727	3727
3743	3743
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3775	3775
3791	3791
3807	3807
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3887	3887
3903	3903
3919	3919
3935	3935
3951	3951
3967	3967
3983	3983
3999	3999
4015	4015
4031	4031
4047	4047
4063	4063
4079	4079
4095	4095
4111	4111
4127	4127
4143	4143
4159	4159
4175	4175
4191	4191
4207	4207
4223	4223
4239	4239
4255	4255
4271	4271
4287	4287
4303	4303
4319	4319
4335	4335
4351	4351
4367	4367
4383	4383
4399	4399
4415	4415
4431	4431
4447	4447
4463	4463
4479	4479
4495	4495
4511	4511
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4543	4543
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4591	4591
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4671	4671
4687	4687
4703	4703
4719	4719
4735	4735
4751	4751
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4991	4991
5007	5007
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5311	5311
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5791	5791
5807	5807
5823	5823
5839	5839
5855	5855
5871	5871
5887	5887
5903	5903
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5951	5951
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6015	6015
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6111	6111
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