SEASONAL EVENTS CALENDAR

CODEBOOK

August 2022

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Introduction

This document provides the structure for the ACAPS Seasonal Events Calendar Dataset. The dataset contains two separate tables. The first table is the seasonal calendar that tracks seasonal events occurring in each country in a typical year. The second table is the events timeline that tracks when seasonal events occur during a specific year, starting from 2022. This dataset presents broad coverage of the reported information to flag events that may affect access to basic services. It aims to inform operational, strategic, and policy decision makers. The dataset also enables the more efficient and quicker production of custom calendars and monitoring of upcoming events. The seasonal calendar and events timeline are useful tools for evaluation, as they can help monitor the typical calendar of events and track and analyse time-related cyclical changes in data over the years.

Methodology

ACAPS has identified 47 events organised within seven categories. This list might be expanded in the future, with different events or types of events identified and listed in table 1.

Table 1. Typology of events.

Events	Event type
First or main planting	Planting
Second planting	Planting
Third planting	Planting
Land preparation	Planting
First or main harvest	Harvest
Second harvest	Harvest
Third harvest	Harvest
Green harvest	Harvest
Lean season	Seasonal
Locust	Seasonal
Flooding risk	Seasonal
Drought	Seasonal
Dry season	Seasonal
Cyclone/typhoon/hurricane season	Seasonal
Main wet/rainy/monsoon season	Seasonal
Frost	Seasonal

Second wet/rainy/monsoon season	Seasonal
Tornado/twister	Seasonal
Wind	Seasonal
Winter storm/snow season	Seasonal
Flood	Seasonal
Landslide/mudslide	Seasonal
Volcanic eruption	Seasonal
Livestock farming	Seasonal
Wildfire	Seasonal
Legislative	Elections
General	Elections
Parliamentary	Elections
Subnational	Elections
Referendum	Elections
Presidential	Elections
African swine fever	Livestock disease outbreak
Livestock migration	Livestock migration
Cholera	Outbreak
Meningitis	Outbreak
Measles	Outbreak
Malaria	Outbreak
Dengue fever	Outbreak
Lassa fever	Outbreak
Yellow fever	Outbreak
Rift Valley fever	Outbreak
Hepatitis	Outbreak
Polio	Outbreak
Chikungunya	Outbreak
Monkeypox	Outbreak
Ebola	Outbreak
Plague	Outbreak
Diphtheria	Outbreak

Sources

Data is sourced from publicly available information, such as reports from international and local humanitarian organisations, international and local media, social media platforms, UN agencies, and official government websites. Analytical judgement is applied when deciding what data to include in the dataset.

Limitations

ACAPS relies on open sources and the expert judgement of trained data collectors in selecting the most reliable sources. ACAPS has operational presence, but we do not deliver humanitarian aid, meaning some events might not be recorded. Data collectors have a range of language skills, but linguistic barriers might have prevented ACAPS from identifying all the available information. Considering the diversity and complexity of the crises, certain types of events may appear to fall outside of this categorisation. If you identify information gaps or would like to suggest the inclusion of missing information, please contact us at info@acaps.org.

Data collection and review

A team of ACAPS data collectors collects the data. Data collectors are trained on data collection methods, the seasonal calendar and events timeline inclusion criteria, and the dataset structure. The intended coverage of the dataset is focused on the countries where according to ACAPS methodologies, there is an active humanitarian crisis.

ACAPS collects data on a daily basis, as the data collectors extract information from a wide range of reports. They then aggregate the information per event type and administrative level. If the source includes information relevant to multiple event categories, the source will be repeated and separate lines will be created in the dataset. Each line in the dataset should include information relevant to one event.

The collected data goes through a review process to check the completeness, validity, and reliability of the information included.

Dataset structure

Data is inputted in the dataset following these rules:

- Data collection is done at administrative level 1. If the whole country (all of admin 1, maybe) is affected, the event is tagged as countrywide.
- One data point refers to one event
- If the same source covers multiple types of events, the source is logged in separate rows

Seasonal calendar data is uploaded to the dataset according to the following structure and coding system.

Variable Name	Format	Definition	Codes
ID	Numeric	Unique code for every entry	None
ISO3	Text	Country ISO3 code	None
Country	Text	Administration 0 name (English standard)	Dropdown list
Countrywide	Checkbox	Checkbox that is marked if the event affects all the administration level 1s in the country	Administration 0
ADM1	Text	Administration 1 code	The largest sub-national administrative region in which the event took place
ADM1 Eng name	Text	Administration 1 name (English standard)	The largest subnational administrative region where the event took place
Months	Months list	The list of the 12 months	None
Event	Text		Dropdown list. See the list of events provided in table 1.
Event type	Text		Dropdown list. See the list of event types provided in table 1.
Comment	Text	Short narrative description of the event	None
Source	Text	Source name	None
Source date	Date (dd/mm/yyyy)	Publication source date	None
Source link	Text	Source link	None

The events timeline is uploaded to the dataset according to the following structure and coding system.

Variable Name	Format	Definition	Codes
ID	Numeric	Unique code for every entry	None
ISO3	Text	Country ISO3 code	None
Country	Text	Administration 0 name (English standard)	Dropdown list
Countrywide	Checkbox	Checkbox that is marked if the event affects all the administration level 1s in the country	Administration 0
ADM1	Text	Administration 1 code	The largest sub-national administrative region in which the event took place
ADM1 Eng name	Text	Administration 1 name (English standard)	The largest subnational administrative region where the event took place
Start date	Date (dd/mm/yyyy)	The start date of the event	None
End date	Date (dd/mm/yyyy)	The end date of the event	None
Event	Text		Dropdown list See the list of events provided in table 1.
Event type	Text		Dropdown list See the list of event types provided in table 1.
Comment	Text	Short narrative description of the event	None
Source	Text	Source name	None
Source date	Date (dd/mm/yyyy)	Publication source date	None
Source link	Text	Source link	None