

Weather Information Dissemination System (WIDS) Survey

Dear Respondent,

We are a team from Makerere University (Uganda), University of Juba (South Sudan), Federal University of Lafia (Nigeria), Elizade University (Nigeria) and Institute of Development Studies (UK) involved in research and innovation using ICT for improving weather information management. By this study, we hope to gather views from the different actors / stakeholders in the weather information value chain for informing a dedicated policy. Responses / data provided are strictly for research purposes

* Required

1. Email *

2. What is your age? *

Mark only one oval.

- 18-25
- 26-35
- 36-50
- Over 50

3. What is your gender? *

Mark only one oval.

- Male
- Female

4. What is the name of your organisation?

5. How many employees does your organisation have? *

Mark only one oval.

- 0-10 employees
- 11-50 employees
- 51-100 employees
- 101-500 employees
- Over 500 employees

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6. How does your work relate with weather information? *

Mark only one oval.

- User
- Potential user
- Provider
- Other:
- Other: _____

7. Which weather information do you need/disseminate in your work? (Choose all that apply) *

Check all that apply.

- Air temperature
- Atmospheric (barometric) pressure
- Humidity
- Rainfall/precipitation
- Solar radiation
- Wind
- I don't need or disseminate any weather information

Other: _____

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8. How is weather information shared with or disseminated by your organisation? (Choose all that apply) *

Check all that apply.

- E-mail
- Social Media
- TV
- Radio
- SMS
- By first contacting the Uganda National Meteorological Authority for access to be granted
- Newspaper
- Community meeting
- Website of Uganda National Meteorological Authority
- Other websites
- Mobile weather application
- Distributed printed seasonal forecast bulletin
- Reliance on indigenous knowledge that I have always known about weather & seasons
- I don't access

Other: _____

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9. How often is weather information shared/received?

Mark only one oval.

- Daily
- Weekly
- Monthly
- Seasonally
- Once in a while
- I received information only once
- Other: _____

10. What time of day is this information shared/received?

11. How does your organisation benefit from weather information use or dissemination? (Choose all that apply)

Check all that apply.

- Inform interventions
- Inform decision-making
- Commercial value
- Social development
- Visibility
- Better yields
- Productivity / operations
- Promoting sales / reduction of losses
- Inform policy improvement
- Source of data for studies/research

Other: _____

12. What barriers do you experience in accessing/using or sharing this data?

7

13. Describe the support that your organization offers in a bid to execute the weather information sharing/ access roles

14. Have you ever been involved in the formulation of any policy on weather information?

Mark only one oval.

Yes

No

15. If so, what were the reasons for your involvement and to what degree?

8

16. To what sector does your organisation belong? *

Mark only one oval.

Agriculture *Skip to question 31*

Water and Environment *Skip to question 31*

Health *Skip to question 40*

Information and Communication Technology *Skip to question 17*

Policy Makers *Skip to question 24*

NGOs / IGO / CBOs and Private Sector *Skip to question 20*

Private Sector *Skip to question 20*

Local Government *Skip to question 40*

Academia *Skip to question 40*

ICT

17. What is the nature of your company?

Mark only one oval.

- Software development
- Hardware development
- User support
- Communication technologies
- Other: _____

9

18. In regards to weather services, our organization has been involved in the following? (Choose all that apply) *

Check all that apply.

- Providing hosting services for weather related systems
- Advertising for weather services
- Maintaining social media for weather related projects
- Platform for transmitting weather information
- Sub renting services for weather information
- Cloud services
- User support
- Consumer of weather products
- Researcher in weather and climate
- Investment and funding of weather-related projects and research
- Weather and climate product development
- Resource mobilization
- Translation of weather and climate information
- Weather and climate awareness campaigns
- Not Available

10

19. How does ICT influence the day-to-day (operational) work of generating and sharing weather information products? (Choose all that apply) *

Check all that apply.

- Simplifies work
- Fast in analysing massive data
- Improves accuracy
- Upholds data integrity
- Formatting is made easy
- Cheaper

Other: _____

NGOs/ IGO/ CBOs and Private Sector

20. Which of the following organisations do you collaborate with? (Choose all that apply) *

Check all that apply.

- National meteorological services
- Academic
- Ministries
- Parliament
- Other NGOs
- Other Intergovernmental Organization (IGO)

Other: _____

21. If you collaborate, what kind of information do you exchange or require and for what purpose?

22. Have you found any challenges in collaborating with the above mentioned organization(s)? *

Mark only one oval.

- Yes
- No

23. If yes, what challenges have you faced?

Policy Makers

24. Is there interaction between the sectors receiving weather information? *

Mark only one oval.

- Yes
- No

25. If so, how effective is the interaction between these sectors towards making this weather information more useful and relevant?

26. How can the sharing of weather information be promoted?

Policy makers cont...

27. Describe how legislation influences the day-to-day services in generating and sharing weather and climate information.

28. Specify the legislation that influences these services

29. Who enforces this legislation?

30. Is the legislation a barrier or an enabler of the sharing of weather information?

AGRIC, WATER AND ENVIRONMENT

31. What do you need weather data for? (Choose all that apply)

Check all that apply.

- Monitoring and managing water levels
- Flood and drought Management
- Managing Domestic Water Supply
- Development of Water for production activities
- My work doesn't need it

Other: _____

32. Has weather information been used to inform operations and decisions in your work? *

Mark only one oval.

Yes

No

Agric, water, environment cont...

33. From the list below, choose the options, which show how ICTs have been helpful in weather data handling *

Check all that apply.

- Weather data collection/access
- Weather data storage
- Weather data sharing with colleagues
- They are not useful
- I don't know

34. Are you satisfied with your present channel of access to weather data? *

Mark only one oval.

Yes *Skip to question 36*

No

Agric, water, environment cont...

35. Choose other channels through which you prefer to access weather data?
(Choose all that applies)

Check all that apply.

- E-mail
- By first contacting the Uganda National Meteorological Authority for access to be granted
- Social Media
- TV
- Radio
- SMS
- Distributed printed seasonal forecast bulletin
- Mobile weather application
- Newspaper or other form of Print media
- Community meeting
- Website of Uganda National Meteorological Authority
- Other website
- Reliance on indigenous knowledge that I have always known about weather & seasons
- I don't access

Other: _____

Agric, water, environment cont...

36. Are you satisfied with the frequency with which you access weather data? *

Mark only one oval.

- Yes *Skip to question 38*
- No

Agric, water, environment cont...

37. If no, how often do you prefer to access weather data? (Choose all that apply)

Check all that apply.

- Daily
- Weekly
- Monthly
- Seasonally
- Once in a while
- Whenever I seek for it

Other: _____

Agric, water, environment cont...

38. What (other) challenges, if any, do you experience in accessing or using weather data?

39. Propose solutions to the challenges that you face in accessing/using weather data

Health Sector and Local Government

40. Has weather information been used to inform operations and decisions in your work? *

Mark only one oval.

Yes

No

41. From the list below, choose the options, which show how ICTs have been helpful in weather data handling *

Check all that apply.

- Weather data access
- Weather data storage
- Weather data sharing with colleagues
- They are not useful
- I don't know

Health Sector & Local Gov't cont...

42. Are you satisfied with your present channel of access to weather data? *

Mark only one oval.

Yes *Skip to question 44*

No *Skip to question 43*

Health Sector & Local Gov't cont...

43. Choose other channels through which you prefer to access weather data?
(Choose all that apply) *

Check all that apply.

- E-mail
- By first contacting the Uganda National Meteorological Authority for access to be granted
- Social Media
- TV
- Radio
- SMS
- Distributed printed seasonal forecast bulletin
- Mobile weather application
- Newspaper or other form of Print media
- Community meeting
- Website of Uganda National Meteorological Authority
- Other website
- Reliance on indigenous knowledge that I have always known about weather & seasons
- I don't access

Other: _____

Health Sector & Local Gov't cont...

44. Are you satisfied with the frequency with which you access weather data? *

Mark only one oval.

- Yes *Skip to question 46*
- No *Skip to question 45*

Health Sector & Local Gov't cont...

45. If no, how often do you prefer to access weather data? (Choose all that apply) *

Check all that apply.

- Daily
- Weekly
- Monthly
- Seasonally
- Once in a while
- Whenever I seek for it

Other: _____

Health Sector & Local Gov't cont...

46. What (other) challenges, if any, do you experience in accessing or using weather data?

47. Propose solutions to the challenges that you face in accessing/using weather data

Health Sector & Local Gov't cont...

48. Have you been given a chance to give feedback to the weather information providers? *

Mark only one oval.

- Yes *Skip to question 49*
- No *Skip to question 50*

Health Sector & Local Gov't cont...

49. Has your feedback been used to improve weather information provision? *

Mark only one oval.

- Yes
- No
- I don't know

Health Sector & Local Gov't cont...

50. Are there any laws/policies/regulations that affect your access to weather data? *

Mark only one oval.

- Yes
- No
- I don't know any

51. Specify the legislation/policy/regulation referred to above

52. Who is enforcing this legislation/policy/regulation?

53. Have you ever been involved in the formulation of any policy on weather information? *

Mark only one oval.

Yes

No

54. What were the reasons for your involvement in the formulation of the policy on weather information?

55. What was your role/contribution?

Academia

56. What do you need weather data for? (Choose all that apply) *

Check all that apply.

- Teaching
- Research
- Community outreach
- I don't need it

Other: _____

57. If you have selected teaching, please list the courses for which you need weather data

58. If you selected research, briefly list you research areas that require access to weather data/information

59. Are you satisfied with your present channels of access to weather data? *

Mark only one oval.

Yes *Skip to question 61*

No *Skip to question 60*

Academia cont...

60. Through which other channels of access do you prefer to access weather data?
(Choose all that applies) *

Check all that apply.

- E-mail
- Social Media
- TV
- Radio
- SMS
- By first contacting the Uganda National Meteorological Authority for access to be granted
- Newspaper
- Community meeting
- Website of Uganda National Meteorological Authority
- Other websites
- Mobile weather application
- Distributed printed seasonal forecast bulletin
- Reliance on indigenous knowledge that I have always known about weather & seasons
- I don't access

Other: _____

Academia cont...

61. Are you satisfied with the frequency with which you access weather data? *

Mark only one oval.

- Yes *Skip to question 63*
- No *Skip to question 62*

Academia cont...

62. If no, how often do you prefer to access weather data? (Choose all that apply) *

Check all that apply.

- Daily
- Weekly
- Monthly
- Seasonally
- Once in a while
- Whenever I seek for it

Other: _____

Academia cont...

63. Please rate how easy it is to access weather data *

Mark only one oval.

- Very easy
- Easy
- Neutral
- Difficult
- Very difficult

64. Please rate the adequacy of the weather data that you access *

Mark only one oval.

- Very adequate
- Adequate
- Neutral
- Inadequate
- Very inadequate

Academia cont...

65. What (other) challenges, if any, do you experience in accessing or using weather data?

66. Propose solutions to the challenges that you face in accessing/using weather data

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