

I have not been directly involved in GLOBE, but utilized the sun-photometer kits in a meteorological instrumentation course (undergraduate) as a way of teaching the students basic electronics (with an atmospheric science connection). I felt it was more enjoyable when they could use these kits that they built to make measurements, rather than just building a simple circuit to make a light bulb turn on.

Only in an advisory capacity

2. How would you suggest GLOBE better serve both the science and science education community?

Free text

need to have GLOBE's efforts redirected toward collecting and using meaningful scientific data

More active involvement of universities...

I dont know much about GLOBE.

by international student participation

have more of the web interactions

Reduce the number of activities and get more schools to submit their observational data...

not sure

UCAR is going in the right direction by focusing more on atmospheric science, measurements that K-12 population can relate to better.

It would be interesting for us (in the Netherlands) to see how we as a university group could hook up with GLOBE in a way that the research done by school children is really useful to our own research (and make the children feel important)

not aware of what GLOBE is or what its current role is in science and science education

should have more education

Closer collaboration with universities. Having a representative on campuses is a great way to do it.

keep it simple logistically for schools to participate. don't require a high technological and cost threshold to join.

Encourage and promote more grassroots participation.

Provide followup. teachers and classes are left stranded.

Is GLOBE connected to DLESE? Those who participate in GLOBE, do they use DLESE and discuss it to the science and education communities? Are these various projects working in isolation, or are they coordinated as part of a general education initiative?

evaluate results of GLOBE....

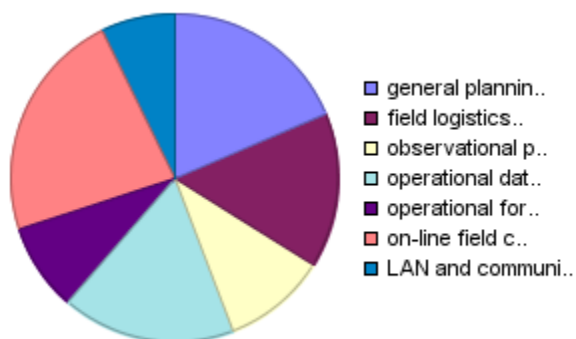
Build more useful tools for using and integrating the data

Perhaps more actively recruit teachers and students from certain parts of the country. Some school districts know very little about the program and would benefit greatly.

Commercial sector broadcasters visit schools. Some write educational blogs on their company websites (as I do on ours). Involve these groups.

My initial impression is that GLOBE is on the right track!

1. If you participated in a JOSS supported field program, did you use (please check all that apply):



Option	Count	Percent
1. general planning and operations support	43	18.61%
2. field logistics—shipping, travel, lodging, etc.	35	15.15%
3. observational platform coordination	24	10.39%
4. operational data collection	40	17.32%
5. operational forecasting services	20	8.66%
6. on-line field catalog	52	22.51%
7. LAN and communication support	17	7.36%
Total	231	100%

Median: 4.0 Minimum value: 1
 Total responses: 83 Maximum value: 7

Free text (additional comments:)

Great elp with travel arrangements! They are terrific.

I havent participated in any JOSS supported field programs.

Participated extensively in the IHOP experiment

have not participated

used this for NAME

I'll take it to mean that this category includes the research management and assessment support activities in Washington DC--not elsewhere covered, near as I can tell.

JOSS's support during and after field projects is first-rate. The online data catalogs are wonderful!

field catalogs are great

2.If you utilized JOSS data management services, was it (please check all that apply):



Option	Count	Percent
1. part of a field project you participated in?	54	32.34%
2. did you provide data to the archive/field catalog?	33	19.76%
3. did you retrieve data from the archive/field catalog?	56	33.53%
4. did you use JOSS QA or special processing services?	7	4.19%
5. did you use custom data ingest/retrieval requests?	10	5.99%
6. did you use custom data products?	7	4.19%
Total	167	100%

Median: 2.0 Minimum value: 1
 Total responses: 73 Maximum value: 6

Free text (additional comments:)

Retrieved High Resolution Precipitation Prodcut

NOAA Climate and Global Change Working Group

Some of the best data management tools I have ever used for field projects

I havent utilized JOSS data management services.

was not aware of JOSS until this survey; visited <http://www.joss.ucar.edu/> and links found there; have used ARM and TOGA-COARE data but not sure if it came from a JOSS data archive

Field catalog is great (for IHOP)

BAMEX

JOSS staff have always provided efficient, reliable logistics for meetings, etc.

3. In what way could JOSS improve its services for educational use, e.g. data format conversion, on-line browsing, etc.?**Free text**

Support more formats like netcdf. Should have ability to create datasets on the fly i.e. time and space slices from all available upper air data and output in netcdf.

More quick looks, ability to assimilate from multiple field campaigns, wider range of data format conversions

Be sure the explanations about data taken during special projects are as easy to understand as possible.

I havent utilized JOSS services and hence cannot comment.

by gis layers

No specific request

more data documentaion adding a graphics, plotting option

Facilitate access to data from custom sources (like some lidar, or Doppler on Wheels data)

As for on-line browsing, I've noticed some difficulty with frames on web pages and switching between JOSS pages and external ones. In general I have found the content of the pages to be great.

not familiar enough with JOSS to offer an opinion

more user-friendly GUI's enabling on-line browsing and quasi-serious analysis

Hi-speed internet in the field (also remote locations).

very good when it was linked to the field catalog with the mission descriptions. this makes a good educational tool, with the browse data. Kodiak alone doesn't make this possible.

I thought it was good.

JOSS is doing very good.

When it does seminars in Washington, make sure to check for overlaps with key entities (AMS, EESI, etc.).

Data access is good, but could be improved.

Let the special sonde data be converted to standard WMO TTAA, TTBB etc, format. High resolution sonde data in its nonstandard format cannot be easily used without more effort on the users' part to convert software I/O

4. Overall comments on program and/or suggestions for improvements:**Free text**

Easier interface for browsing datasets. Set up should be similar to NCDC even if data free. My shopping cart could contain a mixture of online and offline products. Notification when product ready. Scrap CODIAC.

I am very pleased with the JOSS support.

They provide a wide range of services and generally do so in a very user-friendly way.

I havent utilized JOSS services and hence cannot comment.

JOSS is very transparent and meets the needs of users

They are probably the best part of NCAR!

JOSS is critical for field efforts, especially international activities. There are a number of sources for data from field programs: ATD, JOSS Field Data Catalog, CODIAC, etc. These should be evaluated for effectiveness and possible redundancies to see if resources could be better utilized. In the new NCAR structure, JOSS should probably be placed outside EOL/ATD so that there will not be an actual or perceived conflict of interest when coordinating coincident ATD-led and community-based field efforts.

In my impression this is an inactive program that only takes data and put them in archive.

not familiar enough with JOSS to offer an opinion

I think that JOSS services are on the expensive side. The cost needs to come down in order to provide services more broadly.

make sure all field catalogs are as good as IHOP.

JOSS provided vital support of all field program I have participated.

Great support, useful for field projects.

I was quite plesaed with the ease of use and functionality.

Keep the activity flexible so it can make things happen that the government agencies seem unable to do.

5. Your ideas on future directions of program:**a. Where should increased emphasis be placed?****Free text**

Not sure. Should be one major data archive. Since NCDC national archive maybe all data should be stored and and made accessible from NCDC. They have an excellent system in place

CODIAC and similar systems for space/time data searches, metadata searching

I havent utilized JOSS services and hence cannot comment.

no specific comment

field programs, plotting package on the website for diffrent data

not familiar enough with JOSS to offer an opinion

provide more information of procedures of applying for using NACR facilities

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Data integration

b. Where should decreased emphasis be placed?

Free text

Don't know

I havent utilized JOSS services and hence cannot comment.

no specific comment

dont know

not familiar enough with JOSS to offer an opinion

?

c. What new activities should be undertaken if resources were to be made available?

Free text

Don't think they should. Give it to Unidata

archive real time operational data

I havent utilized JOSS services and hence cannot comment.

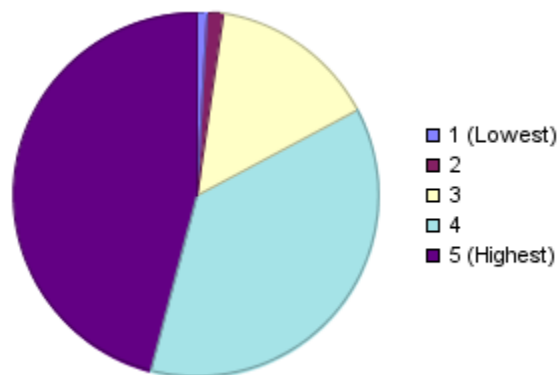
no specific comment

more smaller field experiments

not familiar enough with JOSS to offer an opinion

?

1. Indicate, on a scale of 1-5 (5=highest), the importance you assign to Unidata's practice of community participation and community building, as reflected, e.g., in triennial all Unidata summer workshops, community-based Internet Data Distribution (IDD) system, provision of access to diverse data sets, and end user support:



	1	2	3	4	5	Highest	Total
Lowest							
Count	2	4	39	97	120		262
Percent	0.76%	1.53%	14.89%	37.02%	45.8%		100%

Average: 4.26 Minimum value: 1 Variance: 0.67
 Median: 4.0 Maximum value: 5 Std. deviation: 0.82