



Dr. Derrick Lampkin – Multi-Choice Information Sheet

Name: _____

Instructions:

1. Reference :www.geog.psu.edu/people/lampkin/
2. View Dr. Lampkin’s curriculum vitae (all answers can be found here)

1. How many degrees has Dr. Derrick Lampkin obtained?
 - a. three
 - b. four
 - c. five
2. Which university did Dr. Lampkin receive both his B.S and M.S degrees?
 - a. Pennsylvania State University
 - b. The Ohio State University
 - c. The University of Arizona
 - d. The University of Kansas
3. Dr. Lampkin’s PhD is in what field?
 - a. Geological Science
 - b. Genealogy
 - c. Geography
 - d. Geology
4. What year was Dr. Lampkin awarded the NASA Earth System Science Fellowship?
 - a. 2000
 - b. 2001
 - c. 2002
 - d. 2003
5. Snowpack modeling of the Salt Basin with water management implications was published in:
 - a. Proceedings of the 69th Annual Western Snow Conference
 - b. Remote Sensing of Environment Journal
 - c. IEEE 2003 International Geoscience and Remote Sensing Symposium
 - d. Geocarto International, Special Centennial Issue, Volume 19
6. Dr. Lampkin gave poster presentations at which of these conferences except:
 - a. NASA Earth Systems Scholars Network
 - b. National Geographic Information Systems Conference
 - c. American Geophysical Union (winter session)
 - d. American Society of Photogrammetry and Remote Sensing
7. How many grants has Dr. Lampkin been the principal investigator of:
 - a. Two
 - b. Four
 - c. One
 - d. Three
8. What year was “Monitoring mountain snowpack evolution using near surface optical and thermal properties” published?
 - a. 2003
 - b. 2004
 - c. 2005
 - d. 2006
9. What three papers are Dr. Derrick Lampkin and R.C. Bales authors of?
 - a. “Utility of fractional snow cover in water resources applications for semi-arid regions”
 - b. “Geostatistical interpolation of point-measured SWE in the Colorado River basin”
 - c. “Comparison of fraction versus binary satellite-derived snow cover maps for the Colorado Basin”
 - d. Collections of optical properties of snow during melt using portable spectrometer and excavating snow pits in support of dissertation.
 - e. none of the above



10. Which project's purpose was to build a prototype of a single sensor and laser system?
- "Snowpack modeling of the Salt basin with water management implications"
 - "Monitoring mountain snowpack evolution using near surface optical and thermal properties"
 - "An Improved optical Instrument for the Determination of Alpine Snow Accumulation"
 - "Numerical simulation of lava flows: Applications to the Terrestrial Planets"
11. Who are the authors on this publication entitled "Snowpack modeling of the Salt Basin with water management implications" (list in order)?
- Fassnacht, S.R., D.J. Lampkin, S.R. Helfrich, K.A. Dessler, R.C Bales, E.B. Halper, D. Reigle, and B. Imam
 - B. Imam, S.R., D.J. Lampkin, S.R. Helfrich, K.A. Dessler, R.C Bales, E.B. Halper, D. Reigle, and Fassnacht
 - D.J. Lampkin, S.R. Helfrich, K.A. Dessler, R.C Bales, E.B. Halper, D. Reigle, and Fassnacht, and B. Imam
 - Fassnacht, S.R., S.R. Helfrich, D.J. Lampkin, K.A. Dessler, R.C Bales, E.B. Halper, D. Reigle, and B. Imam
12. At what research center was Dr. Lampkin a research field assistant in 1993, 1998, and 2000?
- Center for Remote Sensing of Ice Sheets
 - NASA's Goddard Space Flight Center
 - Byrd Polar Research Center
 - Center for Earth and Planetary Studies
13. What course did Dr. Lampkin teach at Pennsylvania State University?
- Introduction to GIS
 - Introduction to Remote Sensing
 - Cartography
 - Advance Geographic Information Systems
14. What conference did Dr. Lampkin attend in February of 2002?
- National Snow and Ice Data Center Conference
 - National Geographic Information Systems Conference
 - American Geophysical Union Conference
 - American Association of Geographers Conference
15. What are two of Dr. Lampkin's professional memberships?
- Association of Computing Machinery
 - American Society of Geographers
 - American Society of Photogrammetry and Remote Sensing
 - American Geophysical Union
16. How much was Dr. Lampkin's NASA Earth System Science Fellowship
- 18,000 dollars
 - 28,000 dollars
 - 30,000 dollars
 - 40,000 dollars
17. What degree did Dr. Lampkin receive in June of 2005?
- Bachelor of Sciences in Geological Science
 - Master's of Arts in Geography
 - Doctor of Philosophy in Geography
 - Doctor of Philosophy in Geology
18. NASA Earth System Science Fellowship:
- Support to develop an algorithm for mapping alpine snow surface melt
 - Support to trace the timing of melt release using optical satellite platforms
 - Support to study the cryosphere processes on the inter-annual, annual to decadal scales.
 - None of the above



19. Where was Dr. Lampkin's second field assistantship?
- a. Catalina Mountains, Arizona
 - b. Sonora, Mexico
 - c. San Juan Mountains, Colorado
 - d. West Antarctica
20. From April 2000 to June 2003 Dr. Lampkin was a _____ at Southwest Regional Earth Science Applicants Center
- a. Senior Research Associate
 - b. Graduate Research Assistant
 - c. Research Filed Assistant
 - d. Undergraduate Research Assistant
21. What year was Dr. Lampkin a field assistant on "Snow survey of snow water equivalence and extent in through snow hydrology field course?"
- a. 2005
 - b. 2004
 - c. 2003
 - d. 2002
22. What does RESAC stand for?
- a. Regional Earth Science Applicants Center
 - b. Regional Environmental Science Applications Center
 - c. Regional Earth Atmospheric Science Center
 - d. Regional Earth Science Applications Center
23. Dr. Lampkin was a research assistant under Dr. Alfredo Huete who was supervisor at what laboratory?
- a. U.S. Naval Research Laboratory
 - b. Applied Research Laboratory
 - c. Arizona Research Laboratory
 - d. Terrestrial Biophysics Remote Sensing Laboratory
24. Comparison of fraction versus binary satellite-derived snow cover maps for the Colorado Basin was published in
- a. International Journal of Fieldwork Studies, No.1
 - b. American Geophysical Union Proceedings
 - c. EOS Transactions, AGU
 - d. Hydrologic Processes Volume 18
25. How many Byrd Technical Report's has Dr. Lampkin published?
- a. twenty
 - b. twelve
 - c. ten
 - d. two
26. What was the amount of Dr. Lampkin's Graduate Student Grant at the University of Arizona?
- a. \$750
 - b. \$600
 - c. \$550
 - d. \$500