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## **MODIS MOD43 Validation Core sites: Mongu/Skukuza**



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## **Purpose of Study**

- Comparison of BRDF from independent datasets
- -AirMISR, MODIS
- Examination of BRDF parameter temporal trajectories
- Examine in context of change/burn detection algorithm



## **Airborne datasets**

Safari 2000 / SAVE

- -AirMISR 6-7th September 2000
- •ER2 underflight of Terra 20 km alt.
- •terrain-projected Georectified Radiance Product
- -Mongu, Zambia; Skukuza, RSA







Isotropic

## Conclusion

- Somewhat disappointing comparisons with AirMISR, though magnitude of all parameters good for Skukuza (atmospheric problems for Mongu)
- Interesting BRDF model trajectories for different cover types

**MOD43-AirMISR Comparison** 

- Product has potential for fire/burn contamination
- Moving window approach preferable?