Agricultural Classification of Multi-Temporal MODIS Imagery in Northwest Argentina Using Kansas Crop Phenologies

September 17, 2014

Jarrett Keifer
Department of Geography

Portland State
UNIVERSITY

RESEARCH QUESTIONS

Can I...

develop a phenological classification toolset?

RESEARCH QUESTIONS

Can I...

develop a phenological classification toolset?

extract crop signatures from Kansas data?

RESEARCH QUESTIONS

Can I...

- develop a phenological classification toolset?
- extract crop signatures from Kansas data?
- classify an Argentina study area with the Kansas signatures?

CONTENTS

BACKGROUND

DEFORESTATION IN ARGENTINA

SOY AND ITS EFFECTS

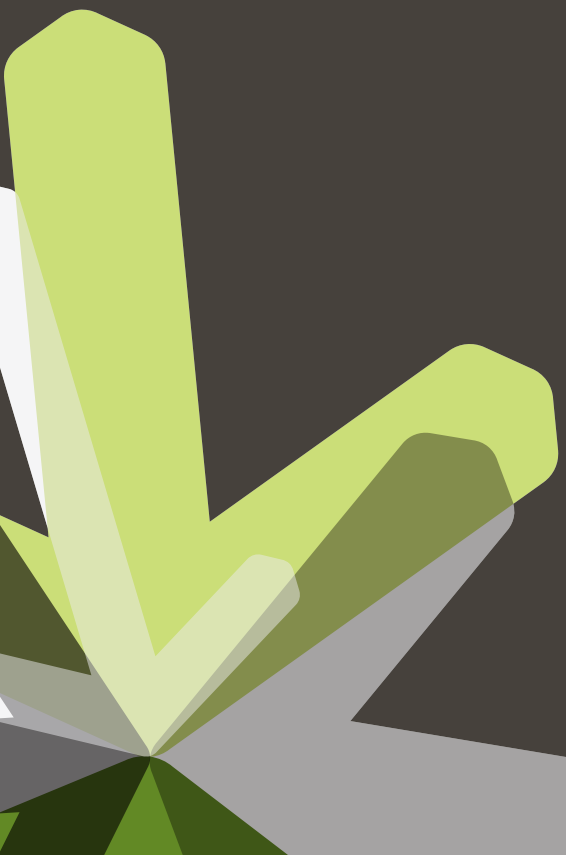
VIs AND TIME SERIES IMAGES

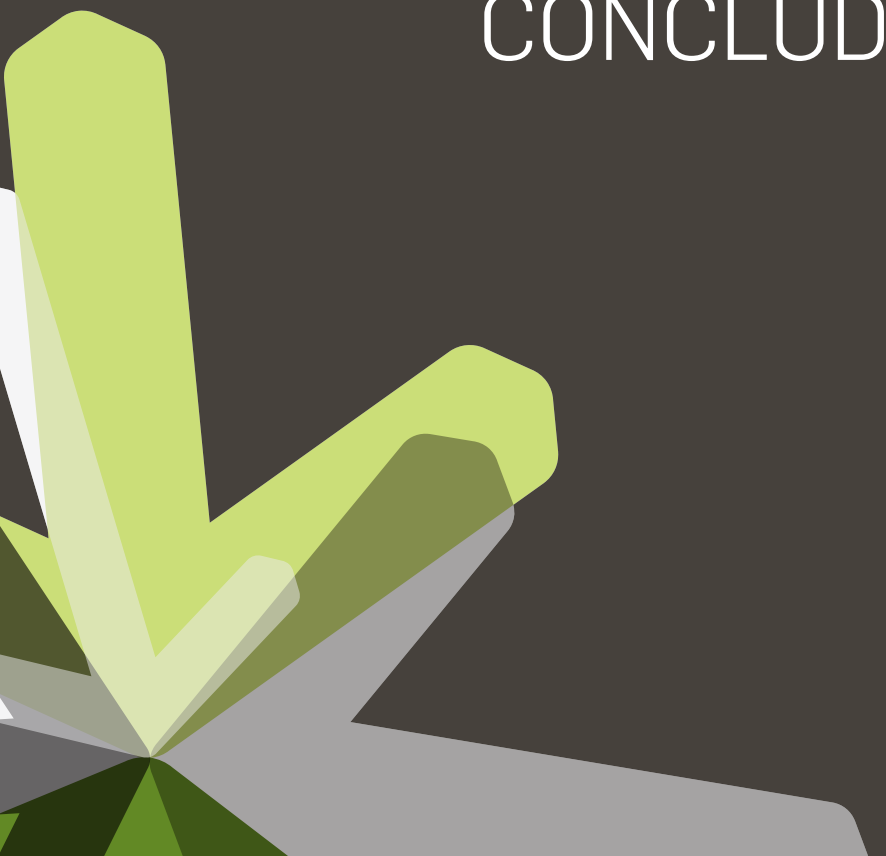
PHENOLOGICAL CLASSIFICATION

STUDY AREAS

DEPARTMENT OF PELLEGRINI

DATA AND METHODS



RESULTS AND DISCUSSION

CONCLUDING REMARKS