Abstract

The Environmental and Economical Promise of Precision Agriculture
Track: Agriculture
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Precision Agriculture (PA) involves the use of technology—usually GIS and GPS—to drastically reduce the amount of agricultural inputs like fuel, fertilizers and pesticides used in farming. This saves the farmer money and decreases the non-point source pollution attributable to standard farming practices. The rapidly declining cost of PA means it is also a technology that is now attractive to the small farmer. In fact, many believe PA represents the next "Green Revolution". This presentation will focus on explaining what Precision Agriculture is and understanding the GIS and GPS behind the technology.

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