

KLASIFIKASI DATA CITRA DIGITAL

Lilik Budi Prasetyo

lbpras@indo.net.id

lbprastdp@yahoo.com

<http://lbprastdp.staff.ipb.ac.id>



PELATIHAN PENGGUNAAN PALSAR DALAM PEMETAAN PENUTUPAN LAHAN HUTAN
FAKULTAS KEHUTANAN-IPB : 24-30 Januari 2011

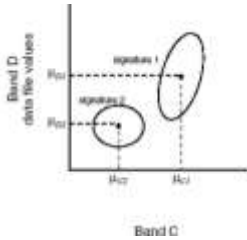


KLASIFIKASI

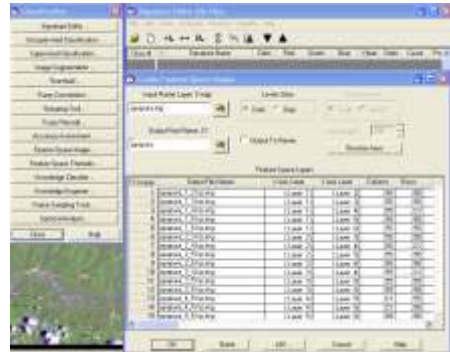
- VISUAL
(akan dipraktikkan khusus)
- DIJITAL
 - ❖ TIDAK TERBIMBING
 - ❖ TERBIMBING
 - PARAMETRIC
 - NON PARAMETRIC (*feature space*)

FEATURE SPACE

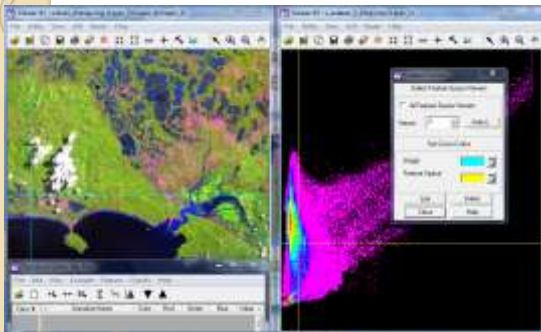
- Scatter plot data citra pada sumbu x (band tertentu) dan sumbu y (band yang lain)



Tampilan pada ERDAS

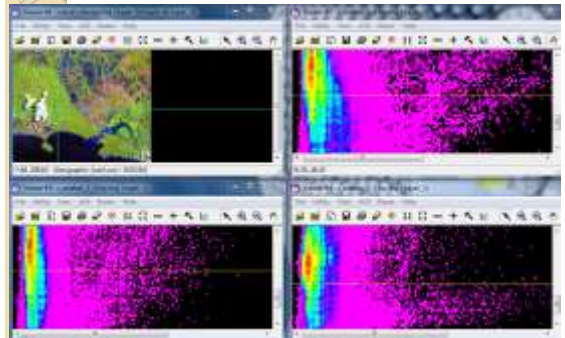


EKSPLORASI DISTRIBUSI TITIK DI FEATURE SPACE & CITRA



COBA PADA BERBAGAI VARIASI FEATURE SPACE

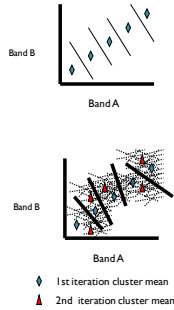
- Feature space 3_4, Feature space 2_4, Feature space 3_



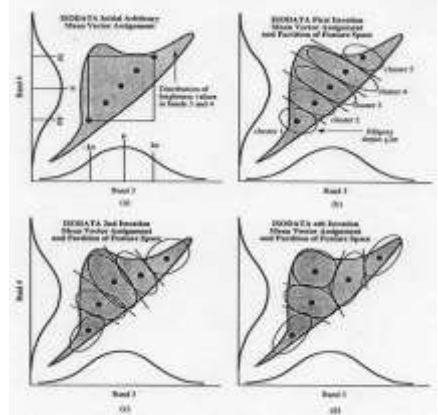
KLASIFIKASI DIJITAL TIDAK TERBIMBING

ISODATA

- I - iterative
- S - self
- O - organizing
- D - data
- A - analysis
- T - technique
- A - (application)?



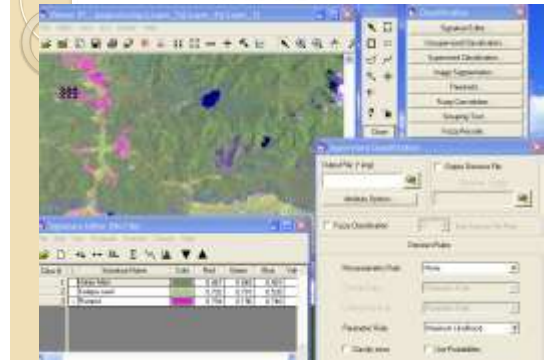
ISODATA clusters



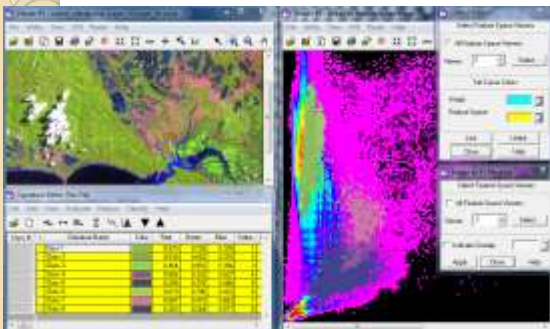
PROSES PADA ERDAS



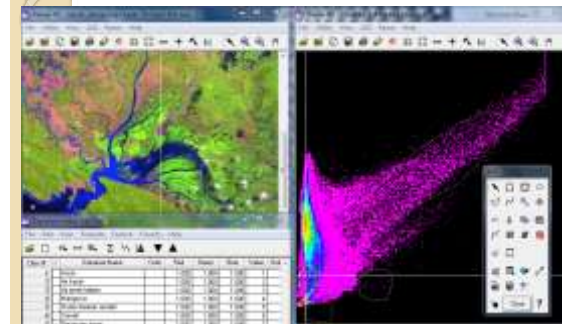
KLASIFIKASI DIJITAL TERBIMBING PARAMETRIC



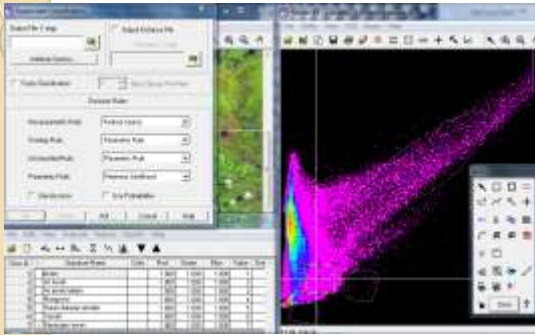
Memetakan Overlap ke Feature Space



KLASIFIKASI DIJITAL TERBIMBING NON PARAMETRIC



KLASIFIKASI DIJITAL TERBIMBING NON PARAMETRIC



Bandingkan Klasifikasi Parametric &
Non Parametric !