Session 4–Scenario's

Slide 1

Scenario 1

Scenario 2

Scenario 3

Scenario 2: You have a model that you are use to using, but now you need to use it an arena that is new to you, carbon accounting.

Session 4–Scenario's

Project with no long term data or comparables in an unfamiliar area

Scenario 1

Scenario 2

Scenario 3

Given a list of polygons with species, age, ba, tpa, ht and vol

often the case in a "round 1" offering

derive qmd from ba and tpa, bad idea to grow qmd

Assume a distribution(s) and generate a tree list?

Weibull approach (Garcia 1981 NZJFS 11, p304-306)

parameter prediction using qmd and variance est.

view PDF &CDF, generate tree list, assign hts

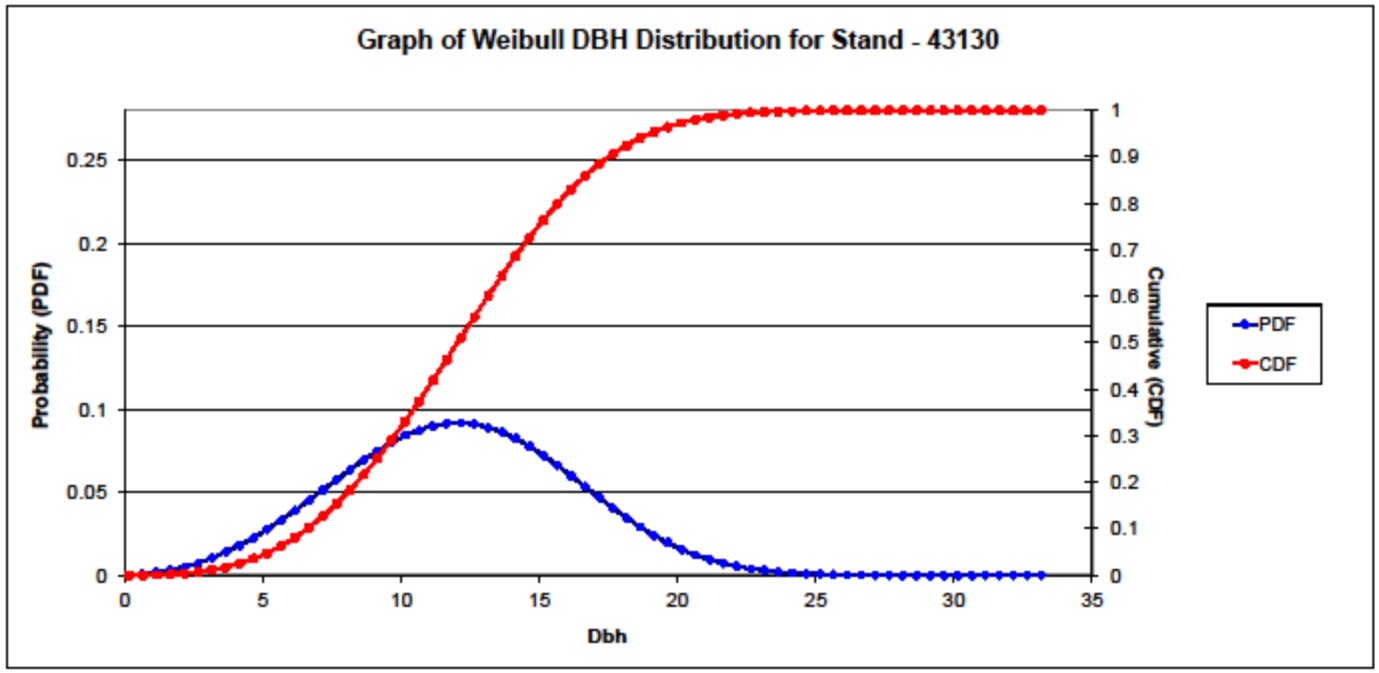
calculate vols, refine, define management regime, grow to produce yield curve

Age	SP	BA	TPH
5	LP	19m2	1401

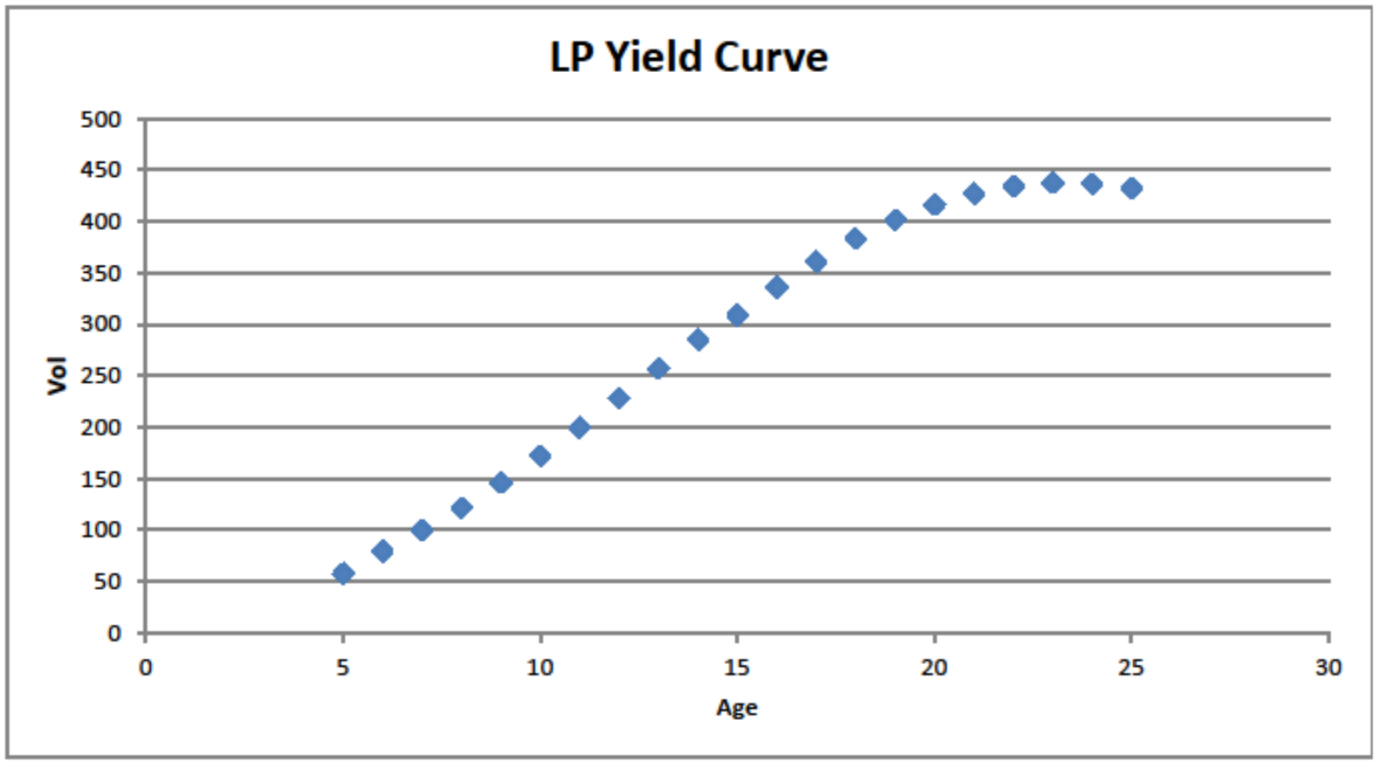
derived qmd: 13.1 cm

assume a variance

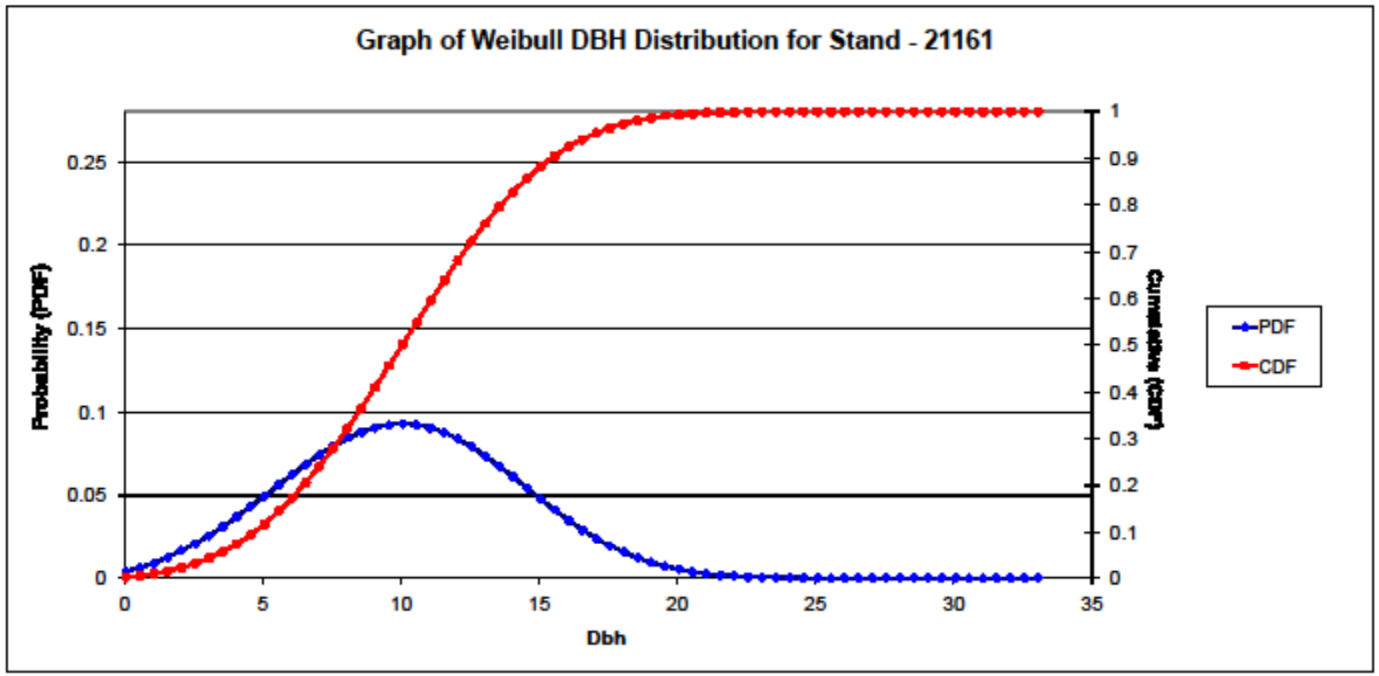
PDF and CDF


Graph of Weibull DBH Distribution for Stand - 43130
Probability (PDF)
Cumulative (CDF)
Dbh
0
0.05
0.1
0.15
0.2
0.25
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
5
10
15
20
25
30
35
PDF
CDF

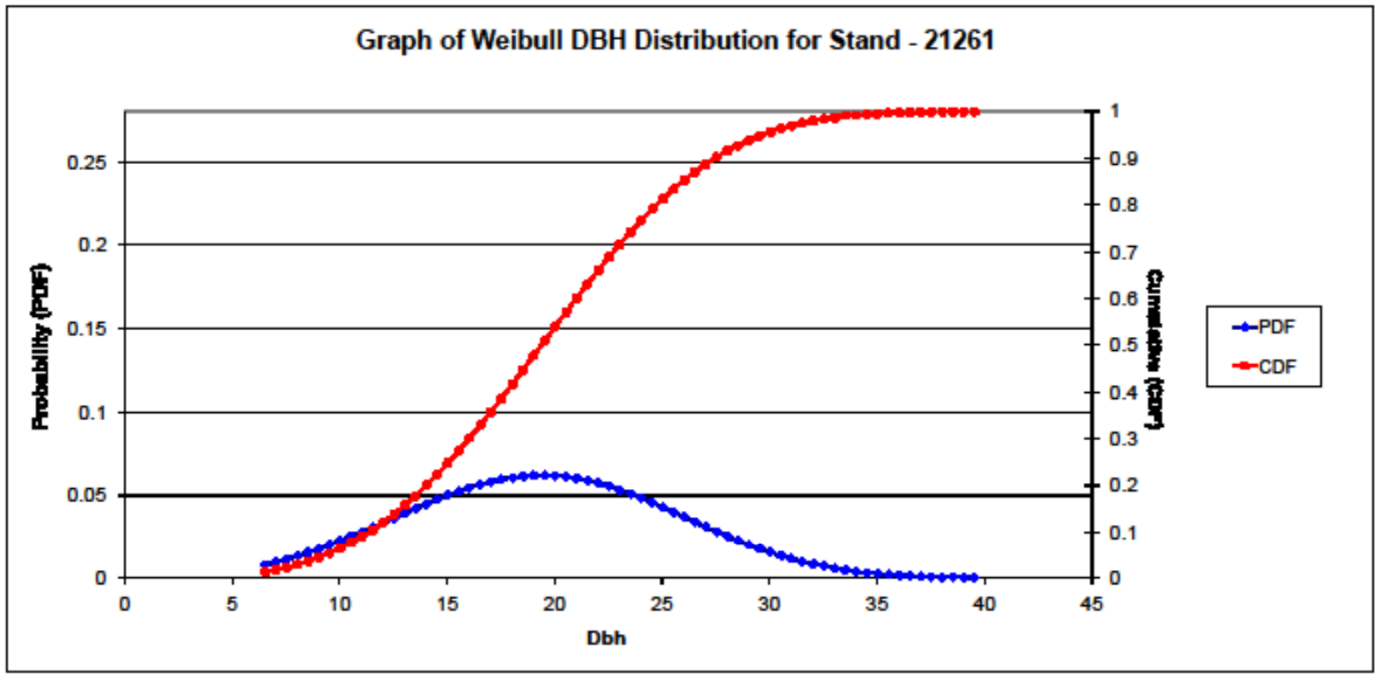
Session 4–Scenario's



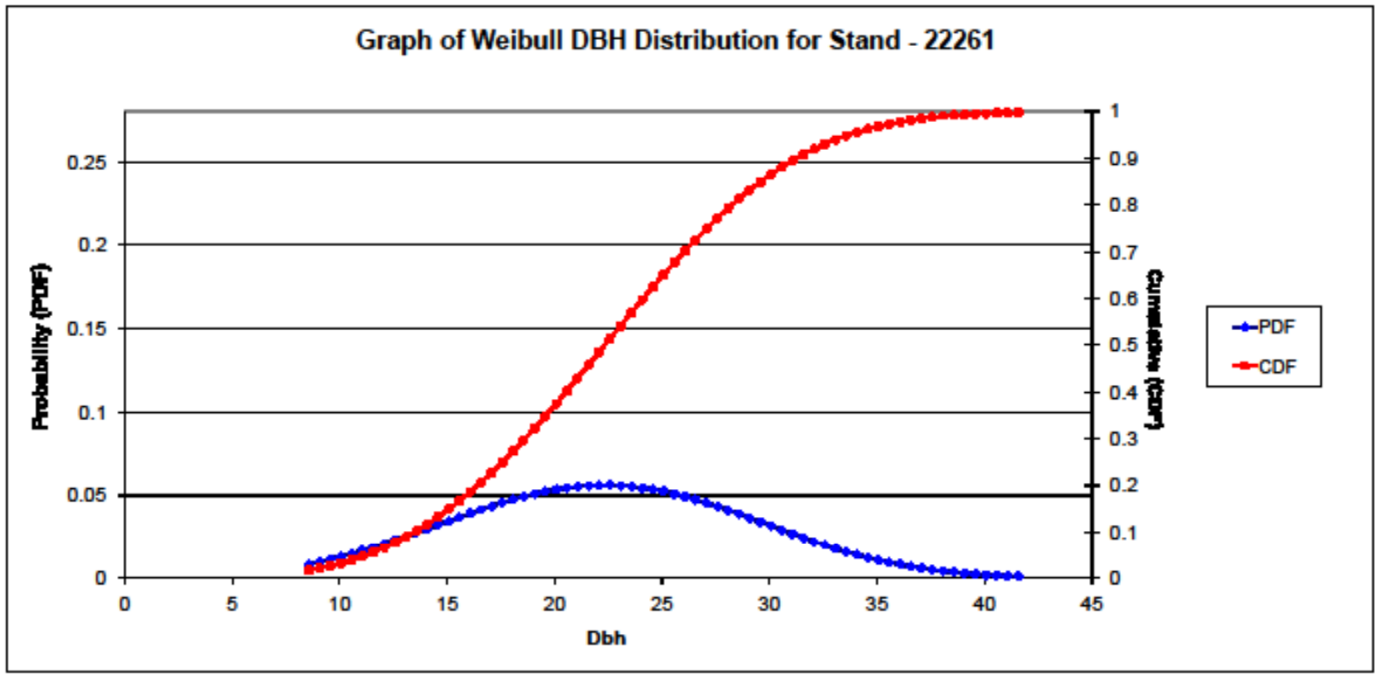
Example 1 PDF & CDF



Example 2 PDF & CDF



Example 3 PDF & CDF



Yield Curves