

Biota working group

Future plans



Potential areas of interest

- ICRP interaction
- New scenarios
- Methodology
- Improving parameter values
- Link to wider 'EMRAS II'



ICRP

- Committee 4 discussions
- Comparison and doses to humans and biota planned in PROTECT (BWG participation)



New scenarios

- Will consider in next 6 months
 - Focused on current issues (planned and existing exposures)
 - Likely to included less studied radionuclides
- Two initial proposals
 - U mining (link with NORM group – available scenario?)
 - Radioactive waste disposal



Methodology

- Interface environments (eg estuaries)
- Different situations (eg paddy fields)
- Variability
 - Parameter distributions in approaches and how they are used
- Radioecological sensitivity – does this need to be considered for biota??



Improving parameter values

- Transfer CR values
 - Sub task group within BWG
 - Core group plus invited extras with relevant data
 - Interaction with ICRP/IUR
- Effects information (link with UNSCEAR activities)
 - Quality / Quantity of data
 - Use of ecological population modeling?
 - Possibly adapting current models to move from individuals to populations

