

Agenda - Bovine TB NIMBioS Working Group

January 31, 2011

8-8:30 am Breakfast

8:30-9 am Welcome, Discussion of Working Group Objectives and this Meeting's Agenda

Presentations on Progress

9-9:55 Michael Buhnerkempe and Colleen Webb – Description of CVI Data Entry and Collection Process (Methods) and Characterization of US Cattle Movement Network (Results)

9:55-10:15 Jason Lombard – Description of California within state movement data

10:15-10:40 Ryan Miller and Katie Portacci – Description of bTB Data

10:40-10:55 Break

10:55-11:25 Mike Tildesley – Data thinning on UK movement networks and estimating farm locations

11:25-11:55 Uno Wennegren – Data thinning on random networks and Bayesian estimation of movement kernels

11:55-12:15 Fola Agosto – Within herd bTB models

12:15-1:30 Lunch

Discussion of Common Analysis Issues

1:30-1:40 Discussion of Afternoon Agenda

Many of us will be working on similar, related projects, and we want to be able to compare among projects. Hence, it makes sense to discuss common analysis issues in these projects and to come to some consensus about approaches. We will likely not all follow exactly the same full approaches, but we should outline some shared approaches that will help to allow comparison among the projects.

1:40-1:50 Overview of data thinning methods (Mike Tildesley and Uno Wennegren)

1:50-2:15 Discussion of data thinning methods (Uno and Mike, Facilitators)

2:15-2:25 Overview of projection choices for continental scale spatial analyses (Ryan Miller)

2:25-2:50 Discussion of projection choices, spatial and temporal resolution (Ryan, Facillitator)

2:50-3:10 Break

3:10-3:25 Overview of network metrics (Shweta Bansal)

3:25-4:00 Discussion of metrics to characterize networks (Shweta, Facillitator)

4:00-4:15 Discussion of data sharing and authorship (Colleen Webb and Agricola Odoi, Facillitators)

4:15-5:15 Generate work plan for Day 2

5:15-6:15 Reception @ NIMBioS

6:30 Group Dinner

February 1, 2011

8:30-9 am Breakfast

Objectives for Day 2:

1. Explore network data based on Day 1 discussion
2. Discuss network model details
3. Discuss disease data analyses
4. Discuss disease model details

9 am – 12 pm Work

12-1:30 Lunch

1:30-3 pm Work

3 – 4 pm Wrap up discussion/planning for future