Assignment 8
Due on 2020-10-25, 23:59 BST.

Course outline
Week 1
1. Which of the following is an example of the derivation of the generalized Quadratic Dispersion model for the air pollution?
   - Unsteady state with advection, negligible dispersion in the direction of wind
   - Steady state with advection, negligible dispersion in the direction of wind
   - Unsteady state with convection, negligible dispersion in the direction of wind
   - Steady state with convection, negligible dispersion in the direction of wind
   - No answer is correct.
   - 2 points

2. Which of the following is a parameter in the Dispersion model?
   - The highest concentration of pollutants in the air over the period of time
   - The highest concentration of pollutants in the air at the end of the period
   - The highest concentration of pollutants in the air at the beginning of the period
   - The highest concentration of pollutants in the air over the entire period
   - No answer is correct.
   - 2 points

3. Which of the following statements is true about the terrain?
   - The terrain is flat.
   - The terrain is hilly.
   - The terrain is mountainous.
   - The terrain is rolling.
   - No answer is correct.
   - 2 points

4. Which of the following describes the dispersion coefficient?
   - The dispersion coefficient is dependent on the height of the plume.
   - The dispersion coefficient is independent of the height of the plume.
   - The dispersion coefficient is dependent on the height of the plume.
   - The dispersion coefficient is independent of the height of the plume.
   - No answer is correct.
   - 2 points

5. Which of the following can be used to calculate the concentration of pollutants at a point?
   - Steady-state concentration
   - Unsteady-state concentration
   - Average concentration
   - Instantaneous concentration
   - No answer is correct.
   - 2 points

6. Which of the following is an example of the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

7. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

Week 9
1. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

2. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

3. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

4. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

Week 10
1. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

2. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

3. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

4. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

Week 12
1. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

2. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

3. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

4. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

5. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

6. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

7. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

8. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

9. Which of the following describes the dispersion coefficient?
   - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
   - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
   - No answer is correct.
   - 2 points

10. Which of the following describes the dispersion coefficient?
    - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
    - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
    - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
    - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
    - No answer is correct.
    - 2 points

11. Which of the following describes the dispersion coefficient?
    - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
    - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
    - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
    - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
    - No answer is correct.
    - 2 points

12. Which of the following describes the dispersion coefficient?
    - A dispersion coefficient is a constant that describes the spread of pollutants in the environment.
    - A dispersion coefficient is a variable that describes the spread of pollutants in the environment.
    - A dispersion coefficient is a function that describes the spread of pollutants in the environment.
    - A dispersion coefficient is a parameter that describes the spread of pollutants in the environment.
    - No answer is correct.
    - 2 points