

## Policy on Teaching and Learning During High PM2.5 Levels

### General Policy:

- Classes will continue as scheduled onsite unless otherwise officially announced by the college.
- Faculty and students are encouraged to take appropriate precautions, such as wearing protective masks and minimizing outdoor exposure.

### Accommodations for Sensitive Individuals

#### 1. Lecturers with Health Conditions:

- Lecturers with respiratory or other health conditions may cancel their classes during high PM2.5 levels.
- In such cases, they must notify their Division Chair and students in advance and schedule make-up classes later in the term.

#### 2. Students with Health Conditions:

- Students (with respiratory or other health conditions) seeking academic accommodations or advice should reach out to Mrs. Kurniati Wirakotan (kurniati.wir@mahidol.ac.th).
- Students are advised to inform their instructors in advance if their condition affects their attendance or participation in classes.

### Policy on Field Trips and PE Classes During High PM2.5 Levels:

Faculty members leading field trip/PE classes are responsible for checking the AQI levels 24 hours prior to the activity and on the day of the event. Course instructors must include contingency plans in their syllabus, such as indoor alternatives or rescheduling protocols, in case of hazardous air quality.

| Air Quality Index (AQI)         | PM2.5 Level  | Field Trip   | PE Classes  |
|---------------------------------|--|--|---|
| <b>301+ - Hazardous</b>         | <b>225.5+ <math>\mu\text{g}/\text{m}^3</math></b>      | <ul style="list-style-type: none"> <li>● All outdoor activities are strictly prohibited.</li> <li>● Faculty must immediately postpone, cancel, or relocate activities indoors with proper air filtration systems.</li> </ul>               |   |
| <b>201–300 - Very Unhealthy</b> | <b>125.5–225.4 <math>\mu\text{g}/\text{m}^3</math></b> | <ul style="list-style-type: none"> <li>● Field trips may proceed only if absolutely necessary, with strong limitations on outdoor activities. Physical exertion and prolonged exposure to outdoor conditions must be minimized.</li> </ul> | <ul style="list-style-type: none"> <li>● Physical activities should be replaced with low-exertion activities or theory-based lessons. Students and staff must remain indoors at all times.</li> </ul> |

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|   |   | <ul style="list-style-type: none"> <li>Students must wear protective masks at all times.</li> </ul>   |   |
| <b>151–200 - Unhealthy</b>                      | <b>55.5–125.4 <math>\mu\text{g}/\text{m}^3</math></b> | <ul style="list-style-type: none"> <li>Outdoor activities should be minimized or rescheduled.</li> <li>Students must wear protective masks, and breaks in indoor environments must be provided every 30 minutes. Activities should focus on low-exertion with frequent breaks.</li> </ul>                       | <ul style="list-style-type: none"> <li>Outdoor activities should be minimized or rescheduled.</li> <li>Physical exertion must be significantly limited. Alternative low-intensity indoor activities are encouraged.</li> </ul>                  |
| <b>101–150 - Unhealthy for Sensitive Groups</b> | <b>35.5–55.4 <math>\mu\text{g}/\text{m}^3</math></b>  | <ul style="list-style-type: none"> <li>Outdoor activities may proceed with caution.</li> <li>Sensitive individuals (e.g., those with respiratory conditions) must be accommodated with indoor alternatives or allowed to opt out of the activity. Prolonged or intense activities should be limited.</li> </ul> | <ul style="list-style-type: none"> <li>Outdoor activities may proceed with caution.</li> <li>Prolonged or intense physical activities are prohibited. Activities should focus on low-exertion exercises with frequent breaks.</li> </ul>        |
| <b>51–100 - Moderate</b>                        | <b>9.1–35.4 <math>\mu\text{g}/\text{m}^3</math></b>   | <ul style="list-style-type: none"> <li>Outdoor activities may proceed as planned with some precautions.</li> <li>Ensure adequate breaks and access to water for participants. Sensitive individuals should monitor for any symptoms and reduce exposure as needed.</li> </ul>                                   | <ul style="list-style-type: none"> <li>Outdoor activities may proceed as planned with some precautions.</li> <li>Ensure more frequent breaks and access to water to minimize strain. Sensitive students should be monitored closely.</li> </ul> |
| <b>0–50 - Good</b>                              | <b>0–9.0 <math>\mu\text{g}/\text{m}^3</math></b>      | <ul style="list-style-type: none"> <li>No restrictions. Outdoor activities may proceed as scheduled.</li> </ul>   |   |