(Date: . . )

**Contact Address**

|  |
| --- |
|  |

1. General Information

|  |  |
| --- | --- |
| Site name (three letter code) |  |
| Researcher #1 (e-mail) |  |
| Contact Address#1 |  |
| Researcher #2 (e-mail) |  |
| Contact Address#2 |  |
| Researcher #3 (e-mail) |  |
| Contact Address#3 |  |
| Other Researchers (e-mail) |  |
| Observation period |  |
| Measurement frequency |  |
| Infrastructure |  |
| Research fund #1 |  |
| Research fund #2 |  |
| Research fund #3 |  |
| URL |  |
| Other information |  |

2. Site description

|  |  |
| --- | --- |
| Site name (three letter code) |  |
| Country |  |
| Location |  |
| Latitude and Longitude (first decimal of second precision), Elevation　 (geographic coordinates, surveying method) |  |
| Slope |  |
| Terrain Type |  |
| Area |  |
| Fetch |  |
| Climate  (Köppen Climate Classification) |  |
| Mean annual air temperature |  |
| Mean annual precipitation |  |
| Vegetation Type |  |
| Dominant Species (Overstory) |  |
| Dominant Species (Understory) |  |
| Canopy height |  |
| Age |  |
| LAI |  |
| Soil type |  |

3. Measurement Item

3-1. Meteorology

|  |  |  |
| --- | --- | --- |
| Observation items | Levels / Depth | Instrument |
| Global solar radiation (incoming) |  |  |
| Global solar radiation (outgoing) |  |  |
| Long-wave radiation (incoming) |  |  |
| Long-wave radiation (outgoing) |  |  |
| Net radiation |  |  |
| PPFD (incoming) |  |  |
| PPFD (outgoing) |  |  |
| Direct/diffuse radiation |  |  |
| Direct/diffuse PPFD |  |  |
| Air temperature |  |  |
| Humidity |  |  |
| Soil temperature |  |  |
| Soil heat flux |  |  |
| Soil water content |  |  |
| Wind speed |  |  |
| Wind direction |  |  |
| Barometric pressure |  |  |
| Precipitation |  |  |
| CO2 concentration |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

3-2. Eddy covariance method　(CO2)

|  |  |
| --- | --- |
| System |  |
| Wind speed |  |
| Air temperature |  |
| Water vapor |  |
| CO2 |  |
| Measurement height |  |
| Sampling frequency |  |
| Averaging time |  |
| Data logger |  |
| Data storage |  |
| Original data (Raw data or statistics) |  |
|  |  |

3-3. Fluxes of non-CO2 gases

|  |  |
| --- | --- |
| Gas |  |
| Method |  |
| Measurement height |  |
| Data logger |  |
| Data storage |  |
|  |  |

3-4. Soil respiration

|  |  |
| --- | --- |
| Measurement method |  |
| Reference(s) for method (if have) |  |
| Measuring system |  |
| IRGA |  |
| Flow control |  |
| Chamber type |  |
| Chamber size |  |
| Number of chambers |  |
| Measuring intervals |  |
| Is the ground covered by snow in winter? (if yes, how about the measurement in winter? |  |
| Original data (Raw data or statistics) |  |
| Temperature and air pressure correction (if done, which temperature was used?) |  |

3-5. Other

|  |  |
| --- | --- |
| Photosynthesis |  |
| Ecological Investigation |  |
|  |  |

4. Note (e. g. calibration information, Publications)

|  |
| --- |
| Calibration information  Publications |