

# 6<sup>th</sup> World Conference on Climate Change

September 02-03, 2019 | Berlin, Germany

## Forest management and C-allocation of beech (*Fagus sylvatica*)

Johannes Eichhorn and Caroline Klinck  
The Nordwestdeutsche Forstliche Versuchsanstalt, Germany

### Statement of the Problem:

Climate change is expected to affect forest growth and carbon (C) dynamics. The impact of climate change on forest growth and C dynamics is still uncertain. This study aims to assess the impact of climate change on forest growth and C dynamics of beech (*Fagus sylvatica*) in Central Europe. The study is based on a long-term experiment (1990-2018) with different forest management scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and different C-allocation scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

### Methodology and Theoretical Orientation:

The study is based on a long-term experiment (1990-2018) with different forest management scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and different C-allocation scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z). The study is based on a long-term experiment (1990-2018) with different forest management scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and different C-allocation scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

### Findings:

The study shows that forest growth and C dynamics are affected by climate change. The impact of climate change on forest growth and C dynamics is still uncertain. This study aims to assess the impact of climate change on forest growth and C dynamics of beech (*Fagus sylvatica*) in Central Europe. The study is based on a long-term experiment (1990-2018) with different forest management scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and different C-allocation scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

The study shows that forest growth and C dynamics are affected by climate change. The impact of climate change on forest growth and C dynamics is still uncertain. This study aims to assess the impact of climate change on forest growth and C dynamics of beech (*Fagus sylvatica*) in Central Europe. The study is based on a long-term experiment (1990-2018) with different forest management scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and different C-allocation scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

### Conclusion and Significance:

The study shows that forest growth and C dynamics are affected by climate change. The impact of climate change on forest growth and C dynamics is still uncertain. This study aims to assess the impact of climate change on forest growth and C dynamics of beech (*Fagus sylvatica*) in Central Europe. The study is based on a long-term experiment (1990-2018) with different forest management scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and different C-allocation scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

### Recent Publications

The study shows that forest growth and C dynamics are affected by climate change. The impact of climate change on forest growth and C dynamics is still uncertain. This study aims to assess the impact of climate change on forest growth and C dynamics of beech (*Fagus sylvatica*) in Central Europe. The study is based on a long-term experiment (1990-2018) with different forest management scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and different C-allocation scenarios (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

# 6<sup>th</sup> World Conference on Climate Change

September 02-03, 2019 | Berlin, Germany

---

Journal of Earth Science & Climatic Change

## Notes: